

Shift Of The Ages



by David Wilcock



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PROLOGUE: THE VOICE OF THE VISIONARIES

This new addition of 10/20/02 gives us an overview of the entire three-volume series in the Convergence material.

PROLOGUE: THE VOICE OF THE VISIONARIES

It's not as hopeless as you might think – in fact, it might just be perfect.

You are about to read an organized collection of thoughts that you may have had at various times in your life, but perhaps could never quite fully integrate. Chances are, you will also find many things in this book that you have never seen before, and which will utterly dazzle you. Hence, you can step out of the waiting room, as this next phase of your own personal initiation has just begun. The scroll that is about to unfold before you will resonate deep within, triggering ancient memories from before the time that you were born, giving you the keys to regaining your own freedom in a world that is increasingly becoming a perceptual prison of fear and anxiety.

We live in an age where tiny snippets of information perpetually rise and fall in everyone's life, blowing about with the futility of a rain of confetti – and without the proper context to put them into a framework of some kind, they are simply swept away on the winds of tomorrow. And then, if they are remembered, the specific references are generally sacrificed to dim, murky hearsay, through toxic words like "They" or "that study" or "I read," which then emerge as, "Did you hear about *that study* where *they* found that the light speed barrier was broken? *I read* about it a while ago." We have been conditioned to automatically nod our heads in agreement when the almighty "They" are invoked. "Oh wow... I didn't know that *they* had done that!" Well, who is "They?" What study? Read it where? This fast-and-loose information game works temporarily with an open-minded person when hearing new concepts similar to what we shall be presenting in this book series, but we must remember that there is a far mightier "They" that has enslaved the minds of most people – the consensus of mainstream thought. If you are reading these words slowly enough, then you'll probably end up thinking about this concept, and how it has affected you and those around you, for days. Which is good.

(Sometimes we will still need to use the word "they" to define a certain subset of people, such as the alternative science community, or a particular group of non-physical beings once named, or in discussing a particular study once the names have been given. We will capitalize the word "They" and surround it with quotation marks when using it in the context we have just mentioned.)

Ultimately, it appears that the subconscious gravitates towards the word "They" as it is a soft, comfortable substitute for God; deep inside, every person longs to be connected to the source of their being, and therefore wishes to have a source of omniscience to draw from that he or she "knows is right." However, let us recognize the paradoxical mind-split that this situation has created, once and for all. We ultimately want to use the word "They" to invoke God's presence, but since the Renaissance, *science has boldly attempted to remove God from all "rational thinking"* through Pierre Simon de Laplace's concept of "logical positivism." This is how "They" of Science have come to automatically assume that God is irrelevant to the quest for truth. Scientists believe that this quest for truth is best accomplished by the

collection and synthesis of observable data, nothing more.

The collection and synthesis of things that we can study and measure is the scientific process – and there is nothing intrinsically wrong with it. However, the opinions of mainstream Science are *not* objective. “Science” is not a fair game. Untold numbers of data points are rejected by nothing more than an *emotional decision* that the data doesn’t “feel” right, with the belief in an empty, Godless universe as the motivating backdrop. This is then further bolstered by the heavy opposition of those who have strong media / political influence and who would stand to lose all of their funding if their prized theories turned out to be incorrect. Thus, planets are just “rocks in the sky” that churn about in a purposeless idiot dance, in a Universe that is slowly dying away by the “law of entropy,” eventually collapsing back into the nothingness from which it is believed to have originated. Perhaps a wandering space rock will happen to veer into Earth’s gravity and kill us all, since in this Godless universe there is no “Scientific” reason to assume that we will be protected. To suggest otherwise is to suddenly discover that you have “stormed the machine-gun nest” of those who will accuse you being a “ridiculous religious fundamentalist crackpot” with no respect for Science.

Hence, any invocation of the word “They” is almost entirely pointless when you’re trying to tell another human being that almost every major aspect of conventional scientific thought is either flawed or incomplete, from the tiniest to the most massive levels of size, both organic and “inorganic,” and that *a hidden, grandiose model exists that can integrate everything into a fantastic spiritual vision heretofore unimagined by most*. The “scientific priesthood” does not want to give up its quasi-Divine claim to the power of the word “They”, but with the rise of the Internet, many people are beginning to open their minds and open the books that might have otherwise just sat on the shelf. So do try to remember the specific names of the people who made important discoveries, as with that knowledge comes power – the power to free the human mind from a subtle, unspoken and persistent despair.

Normal, clear, rational thinking is beginning to overtake the infantile desire to blindly accept what “They” want you to think and believe about the Universe. And generally, when the truth is presented in its purest form, it is not difficult for a regular person to understand – they simply may never have thought of it before.

Once we move out of the scientific arena into what Carl Sagan patronizingly described as “the demon-haunted world,” we enter into a completely different playing field with new rules. Many of these new rules are issued on-the-fly by the continual rise and fall of those who claim to be “channeling” information about how the concept of God integrates with our physical reality. A surprising number of people will grab onto a certain set of teachings and will practically fight you to the death if you are not willing to believe everything that their chosen channel said. Hence, there is a new crop of folks in town who are embittered by the old atheists, but end up repeating their same mistakes in the desire to harness the Hammer of the Gods and wield the almighty power of the word “They.” Everyone seems to want to be the Messiah these days, and claim an exclusive gateway to the truth that only “They” can provide.

I do believe that intuition and higher consciousness have a valuable place in the research process, but to say that you simply “channeled” a major chunk

of new, otherwise unverifiable specific information is, to me, a distracting shortcut to doing this research "homework." Specific information is not the main purpose of channeling, as I understand it. The spiritual sources I have studied with tell us that all research, all science is ultimately of small importance, and eventually falls away as we move farther and farther along on the path to true Oneness.

What does matter the most is the general material that can help us in the evolution of mind, body and spirit.

I have no objections to the channels who focus on this type of material. Every person has a unique and precious gift to give in helping all of us evolve – and you give them a microphone and some freedom from fear, and if they are honest enough, they can move the entire room to tears. Too often this only happens at funerals, if a bereaved family member decides to speak. Perhaps for the first time they are truly feeling the gifts of God that were reflected through that person, and are more honest about their own feelings of separation from God than they ever normally allow themselves to be. (Most people do not realize this as the true source of their pain.) Actors who can cry on demand in front of a camera and can bring this same response out of us are seen to be dazzling. We know when they are faking or not, and often the movies where it is clearly real will enjoy great success. At the time of this writing, "Spider Man" is the best-selling movie of all time – and when his father died and you saw that scared little boy crying close-up, you either melted into it and totally identified with his character or you had to force that clamp down on your heart once more and drive away the pain. The authenticity of Tobey Maguire's tears made that scene far more than a typical "Hollywood death" – as suddenly it became our father down there, and we were the ones longing for his loving presence to return.

Some information can dry our tears, make us feel whole, and renew the sense that we are One. Most of this philosophical information can never be "proven" and does not involve specific "facts," but simply appeals to a philosophical sense of reason, wisdom and loving-kindness. This type of material does not require any outside references or validation – it just speaks to the timeless self within all of us, and thus is definitely not "scientific." Specific information can easily draw us away from our own spiritual path if it invokes fear or does not ultimately relate to our own evolution as conscious beings who are One. Even if we could prove that we're all going to die tomorrow, next week, next month or next year, *knowing* that will do nothing to help us grow and evolve today. And if our body drops, there it will lie. We will still be ourselves, wondering what just happened to us as we look down at it, and where to go next. What matters most is love and wisdom, female and male, meshing together into the Unity of compassionate wisdom and the sacramental nature of all things. And ultimately, I must admit that even the concept of a dimensional shift in our imminent future matters little, as the true work to be done is inside of ourselves.

A strict reading of "*The Law of One*" would say that most specific information is "transient," meaning that it is of little importance. However, certain concepts of cosmology and physics were answered in quite exquisite and revealing detail. So in this case, it appears that we are being told that it is important for us to remember if the concepts of "reality" that are automatically believed in the mainstream are really truthful or not. What do you think about when you

see the world around you? What do you think about when you see the stars? What implicit assumptions have you consciously made about “physical matter”? Do you think this way because you automatically believe that “They” are right? Do you feel you must fawn at the feet of the scientific priesthood and request oblations from the TV, magazine, newspaper and Internet because you were “Bad” in math and science? Might you run to speculative tabloid nonsense because it doesn’t really challenge you to think? Can you free yourself to embrace Oneness when the rational mind constantly gets in the way with an atheistic science as its backdrop? Do you dare to “storm the machine gun nest” of alleged Fact, knowing that you may incur the disfavor of others in order to arrive at greater self-integration?

This is where certain forms of specific information become important. We need some sort of a foundation to work off of if we truly want to make progress. It is a heck of a lot to ask an uninitiated person to believe that this current dimensional shift, now nearing completion, is scientifically “real.” Yet, once we find out that the world around us is truly Divine, fully interconnected and part of an Ultimate Being that is One, then certain specific information becomes a shuttle that quickly allows us to merge the small “I” with the large “I AM” that we are all ultimately a part of. We are again led to remember who we really are, as the secrets of the Universe become our teacher. And once we can reflect that realization of oneness with the Creator to others, we don’t need to tell them anything. They’ll feel it right away.

So, if higher beings do exist, and if they respect us, then they should be able to give us a blend of relevant information about the universe that is both spiritual and physical, forming a bridge between these worlds. If we are indeed living in a Divine Cosmos, then let’s see it! If there is a higher order to the events that we are now seeing unfold in the world, then let’s find it! If these beings’ intelligence is truly higher than our own, then they should already know the answers to the largest problems that perplex the scientific community, such as the solution to the “Unified Field Theory.” Furthermore, in knowing the answers, they should then be able to see what we are missing and give us a road map to follow for our scientific research so we can fill in the missing pieces. Figuring out how we prove these concepts is the truly marvelous game of the scientific researcher on the endless quest for Truth – and the three “P’s” of Patience, Persistence and Psychic Insight are all very helpful, though frequently lacking.

So, as you may be aware, the predominant goal of this entire series of books is to rebuild a complete, Unified model of a Divine Cosmos that will prove to the rational mind that the *Shift of the Ages* is already underway, and will reach *Convergence* in the near future. However, this is far from a situation where we are all magically transformed on the striking of the clock. There is work to do, and some of it is occurring collectively and some of it is occurring individually. By the time you have finished the series, you will understand exactly what I am about to write:

Energetic conditions are now being created in our Solar System that accelerate both *physical* and *conscious* processes at the same time. The *physical processes*, such as the “Earth changes” that are actually occurring throughout the entire Solar System, aren’t hard to see. They can easily be measured with our instruments and studied scientifically. We can and will nail down the cycles of time that drive these events, and how they work. The

conscious processes that occur in the collective body of human thought can also be measured with the blunt movements of financial markets between the extremes of joy and fear, buying and selling – which will prove to be remarkably in tune with outside astrophysical factors. We will also see historical events that repeat themselves in remarkably similar fashions over certain cycles of time, such as 2160 years. In addition, certain cycles perfectly connect physical and conscious processes together – such as finding an outside energetic cause that *simultaneously* creates massive earthquakes, explosions of nearby stars, collapsing of bloated empires, formation of new societies from the ashes, relatively exact increases in the size of the world's population by a simple mathematical function, the development of new calendar systems for measuring time and the arrival of great spiritual teachers for humanity. This can be thought of as a spiraling energetic structure of time that is imploding into a point of “singularity” in our near future – a point of final spiritual transformation, if you will, the shedding of the old ways and the adaptation of the New Heaven and New Earth. Better yet, this cycle was found in a very ancient source, more than three thousand years before the birth of Jesus.

The conscious processes in our own lives are much more subtle, and that is where we firmly enter the arena of choice. We can either choose to move through the often-shattering experiences of love and trust, or shut them down in fear and hate to avoid any further (*apparent*) damage. We have every right to continue to be blind to the suffering of others, and focus only on our own needs, attempting to manipulate and control others for our own gain. However, if we make this choice, the energetic conditions that surround us at this time will make our lives harder and harder and harder. We get to learn by experience that we will keep getting smacked around until we surrender to love for others and for ourselves. Elaborate plans for an imperial “New World Order” will crumble into dust, the funding for these initiatives completely evaporated as a byproduct of these changes, as have all previous empires collapsed as each notch of this “imploding spiral of time” is reached. At the time of this writing, the next two notches will hit at 2003 and 2008, as we increasingly implode towards a moment of singularity. The most difficult aspect of this personal / global growth process is to be willing to accept what you will “lose” along the way, and not get upset about it. It feels like a form of spiritually-invoked abuse at first, but it is the simple byproduct of the law of cause and effect, once properly understood – and all is happening for a Divine purpose.

As these energetic conditions continue to increase, they will indeed reach a final “point of no return,” a moment of spontaneous quantum evolution. As I said, this point ultimately does not matter, even though we do have a “smoking gun” that can nail it down to within about a two-year window. We have been told by sources such as *The Law of One* that if we have not done the work on ourselves that these current energetic conditions can produce, we will simply be transported to a new and different Earth to pick up where we left off once the “shift” happens. If we do choose to shift, and cry, and grow, and love, we shall live to see the day when every tear that we have shed is an investment in the new being that we shall metamorphosize into, as the Earth completes its own conscious evolution. There are definite dividends to these investments, as what we will have is a world that will apparently be 100 times more harmonious than what we are living in now, with the abilities of the greatest masters at our fingertips. There will still be plenty of work to do,

but we will have crossed a major hurdle and will actually *live* in this “dream world.” For now, we can choose today to make shifts in ourselves that bring Heaven to Earth, and allow us to live in the glory, grace and trust that has been prepared for us since time immemorial, on the inevitable spiraling path back into Oneness.

This series could not have been possible without the diligent work of *many thousands* of highly intelligent visionary thinkers. They may not be aware of it, but their waking and dreaming lives are usually being guided by Divine beings who are completely willing to forego any credit for their subtle efforts. Hence, these researchers ultimately do speak as the Creator. For years they have worked in isolation, never able to share the same stage with others like themselves and come together with a common vision. They are often genius-level people. Others often steal their ideas without credit. They are often poor. They may have worked for years on one particular problem, feeling that the final answer will surely shake the Universe, only to solve it – and then find out that no one seems to care. Doors have slammed in their faces. They have continued their quest for the ultimate truth of our Being despite formidable odds, lack of proper funding and scorn from their peers, and thus are unable to get published in “accepted” journals. They may actually decide to give up eventually if they continue to be unappreciated, and focus on more profitable endeavors. A great many of them do have Ph.D. degrees – but the scientific priesthood simply banishes them as “lost souls” and more heads nod unquestioningly as “They” issue forth the official decree. Some of these visionaries live in foreign countries, such as Russia, and their results are thus immediately discarded as being “unverifiable,” even if they have been duplicated in the West.

These avant-garde thinkers have discovered many pieces of data that are quite mind-blowing, but which almost never get discussed, even in the “New Age” movement, usually due to the difficulty of fully understanding the work. They often do not make the time to read each other’s material, as they tend to be totally focused on their own projects. They will talk to you for hours, hardly pausing to breathe, and go way over your head if you let them, as they are so desperate to have their voices heard. You might see the simultaneous pain and joy in their eyes when they finally get the chance to speak – a look that says, “*Please don’t walk away.*” They may have hair loss from many sleepless nights of furious concentration. They may have enormous social ineptitudes and awkward, nervous, eccentric behaviors, being much more comfortable with work than with people. They may have bad breath from being so in their minds that they fail to drink enough water to support the physical body. Their clothes may have been out of style for years. They often develop elaborate personal systems of jargon in order to explain the breakthrough concepts that they have discovered, which can be very confusing to a newcomer. You may often need to read through their papers knowing that you can only expect to understand 60 percent of it, at best, while digging for the “meat” of their findings. I love and respect these people, and have been blessed to meet many of them in person, triggering waves of scientific and spiritual ecstasy in their minds as I demonstrate how their prized concepts fit into a wider overall model of a Divine Cosmos, and thus removing their feelings of aloneness. Everyone who has inspired a concept gets full credit in this series.

With a few exceptions, such as this book series, no one seems to have been

willing enough to try to unify their concepts into a single overall model. It can be a huge burden to go through stacks and stacks of books and website printouts. Most channelers don't bother to read these materials, as they may tell you that they were "never any good at math or science." Some people have thrown this book down – right in front of me – as soon as they see pictures of geometric objects inside, for that very reason. Anything that looks like "work" is often avoided. Furthermore, I believe that many people have never even imagined that these types of concepts could actually be explored with the scientific process. Nevertheless, consider the following quote from the most well-documented "channeler" of all time, Edgar Cayce:

When there is the same interest or study given to things or phases of mental and spiritual phenomena as has been and is given to the materialized or material phenomena, then it will become just as practical, as measurable, as meter-able as any other phase of human experience . [2012-1, yr. 1939]

That's it right there. It is interesting that this reading was the first to be performed for client number 2012, as many people are already aware that the year 2012 is one of special importance in this dimensional shift process that is now underway, since it represents the ending date of a unique system for counting time devised by the ancient Mayans of Mesoamerica and the Yucatan. The Mayas equate the ending of their own time system with the arrival of a Golden Age for humanity, a time of dramatic spiritual renewal. So, there is a subtle suggestion in the above Cayce reading that if we make a scientific study of the information surrounding the "*phase of spiritual phenomena*" that is the alleged dimensional shift in 2012, we very well may be able to establish a good case.

I receive two or three emails a month from people who tell me that they would have written this book series themselves, but they didn't have enough of the specific data to do it. However, specific data is exactly what we need if we really want to enact social changes by convincing the rational mind that this is a genuine phenomenon that is occurring. Furthermore, we also run into the problem that the first "entrance requirement" of this text is simply having a large enough imagination to take in the concepts intellectually, emotionally and spiritually, whether or not you actually even agree with them. Some people physically cannot make "room" for this data in their minds to even decide whether they agree with it or not. Thus, I am often told that the books are 'hard to read.' There is nothing in these books that is intrinsically difficult to understand for a person with a basic education, but if the person has a closed mind, the skeptical rationalizations and head-in-the-sand ostrich behavior might get so vast and labyrinthine that the book must be tossed aside to again regain the comfort of the status quo, so "They" can grab you by the skin on the back of your neck and "rescue" you once you have dared to wander from the box.

So, I am one who likes to gather up this rain of information "confetti" with big bags, and then lovingly examine each square over years and years of time, memorizing and documenting all the specific references, seeing how they fit together into a beautiful mosaic and knowing that eventually the information will be assimilated into coherent, digestible new thoughts. Thanks to the Internet, the walls are finally coming down, with an infinity of available research to be conducted – but only a finite number of relevant topics, with a finite number of linked pages that can be printed, bound, studied and

underlined. Since I became completely self-employed as an intuitive counselor in 1998, I have made it my full-time job to literally search “the ends of the earth” and turn over as many of these stones as I possibly can.

The stack of Internet-printed research books that have gone into the Convergence series is now about four or five feet tall – and you will not have to repeat these steps yourself, as herein you will find the distilled end-product of these labors, an entirely new view of the Cosmos that may well “hurt your brain” as you try to assimilate all the new – and deeply truthful – concepts. However, if you can just take your time the second time through (*most blast through it the first time like weary, makeup-clad trick-or-treaters with a big bag of Halloween candy,*) you should be able to fundamentally reconstruct a whole new vision of reality for yourself that is in harmony with “true reality,” not the illusion of the mainstream consensus. I hope you like the way that I have sculpted these facts together for you. The “they” I work with seem to think I’ve done a good job. So do I. And when “They” becomes “I”, then outside opinions no longer matter, do they?

CHAPTER 01: INTRODUCTION

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How are you?

Look around. Look at the people in your life. Look at the changes in yourself. It is not the same world as it was just a few years, few months, even a few weeks ago? Everything seems to be going so fast that it is hard to keep up with it. Something is definitely going on in the world, something mysterious and inexplicable. You might even be scared to death about it. You see the weather disasters, ecological destruction, the violence in society, the ridiculousness of the media. You also are aware of more than a few convincing prophets who have spelled certain doom for this period, and continue to do so. If not the y2k, then it was May 5, 2000. And when the huge catastrophes don't come to pass in one sudden moment, they simply push them further ahead. The more lip service you pay to them, the more hopeless you feel, since there is no pot of gold at the end of their "rainbow." So, in order to maintain your sanity, you naturally discredit and ignore what is being said, continuing to plan for the future as if nothing is going to happen. It's really the only way to function in daily life.

So here we are at the dawn of the new millennium. Big deal. The y2k "computer crash" came and went, with a "whole lot of nothing" to show for it. Why all the attention, we ask? Did we all fall for it? Yep, we did, at least on some level. We all know that the Earth has now revolved around the Sun more than 2000 times since the year that we declared as the birth of Christ. Prior to the y2k rollover itself, we couldn't help but think that the world might very well have taken a crash course in a technology and electricity-free, pioneering lifestyle, for an unknown length of time. It was a HUGE heads-up for humanity, a wake-up call that forced us to ask some very serious questions. We all had to look directly at the possible future ahead of us, and think about what life would be like without all the creature comforts that society has afforded us. We also realized that our ecosystem is very delicate, and without some serious changes, there will be further problems to contend with. We cannot go on destroying ourselves and our planet forever.

So was it all doom and gloom? Do we still believe every computer guru, stock trader, metaphysician or prophet who comes along and tells us, "Well, this is it?" And now that y2k is history, do we simply relax and think that "business as usual" will now continue on indefinitely? Or could there be another side to the story as well?

All of us need to be very honest with ourselves about what is already happening right now. The UFO sightings are now on an all-time high level of intensity, never before seen in recorded history. All over the world, economies are collapsing from within, with the US barely holding its ground as the last bastion of "economic growth and well-being." At the time of this rewrite, April 2000, the stock market has been showing unbelievable instability with the breakup of Microsoft in the works. On April 4, 2000, the NASDAQ index lost 11 percent of its entire worth in a single morning, only to be bought back by the Federal Reserve, ostensibly, to keep the economy from collapsing. Then, the next day the London markets shut down completely,

theoretically due to a computer glitch but more realistically in an outrageous attempt to check further losses. And on the weekend when this book was finished, the market as of April 15 had experienced its single greatest crash since 1987. These types of economic contortions have been serious enough that even the major brokerage houses have been closing down due to the extreme volatility of the markets and their complete inability to make sense out of it.

And in a relatively similar fashion, the weather is behaving in extremely erratic ways that obey the prophecies while stumping any rational explanations. At the time of this rewrite, the two volcanoes in Edgar Cayce's well known earth-change formula, Etna and Montserrat, right near Vesuvius, are erupting. As of early April 2000, Antarctica lost two more icebergs of simply colossal size, threatening shipping in that area. All over the world, the environment is collapsing at a very real and very horrifying rate, and you don't have to be a "tree-hugger" to see it. There is an endless stream of information every week in the world media that points towards the reality of these circumstances.

Indeed, if we are able to step away from our own denial and look at things from the perspective of clean, unfiltered truth, it isn't hard to see that we are on the verge of permanently destroying ourselves and our planet. Everyone knows this on some level, some more consciously than others. The y2k period made humanity much more aware of this, because even if we didn't believe anything would happen, the idea of a social collapse was still being discussed on a worldwide level. The truth of the degree of problems that exist is much too hard for most of us to accept, because of the feeling of utter futility that it naturally creates. Species are going extinct at a rate that is faster than we can measure. The oceans are heating so rapidly that huge pieces of Antarctica are continuing to drop off into the ocean. The ozone layer is being destroyed, the oil is being pumped out of Mother Earth until none remains, and it doesn't seem as though any one person or group of people could do anything to stop these things from occurring. Our society has grown essentially out of control, tearing down trees for development all over the world at a rate that is much faster than they can be replaced. And therefore, once stripped of all barriers and boundaries of denial and ignorance, our collective Ego mind must conclude that it is faced with the scientific fact of its own imminent destruction; if not in our generation, then certainly in future generations, unless something very drastic is done to stop it. Whether any of these systems would change from within, regardless of external threats, is certainly a question of serious debate. And even if we did collapse the industrial economy as it now stands, could we really change the weather patterns that are already in place?

But what about our collective *subconscious*? Even though you will never see this in the mainstream media, it is not difficult to observe that a massive movement is occurring within the populace at large; a movement towards the "basic Christ principles" of love and acceptance for self and for others. Faced with the impossible task of changing the world, we must turn within and seek to find the ways we can change ourselves. Massive metaphors play themselves out in the public consciousness that lead to our own personal realizations of wrongdoing. The impeachment trials of President Clinton in 1998, for example, served as a metaphor for each individual, leading them to a profound inner question:

What if that was me up there in the Presidency? How would my own life look if every possible secret and embarrassing detail of my life was revealed, literally, to the entire world? Would I also be deemed unfit to be President and threatened with impeachment?

The questions that all of us are asking ourselves these days are very deep, very profound and very meaningful. Without a full awareness of what we are heading into, we might not realize how important these questions really are. That is where this book, and the information contained within it, comes into play.

At first glance, this book appears to simply contain a scientific thesis, describing a new and comprehensive, *harmonic* model of the Big Universe Out There. But the question it proposes is very spiritual, very real, very important. Are we all "getting the message?" Are we all trying to align with what we understand the nebulous term of "spirituality" to mean? Or, are we continuing to protect and preserve our own self-interests at the expense of others?

When we really look at the problems that we are encountering as a human entity, is it not difficult to see the truth? Can we not see that the entire gamut of problems we now face are inherently caused by our own self-serving actions? Our companies continue to measure their success solely on the basis of how much profit they produce. If the company makes money, then the company is a success. If the company goes broke, the company is no good. The more money the company makes, the more of a success it is. This can apply equally well to our own self-conceptions. The materialism of our society, "programmed" into us day after day from a dancing colored box, teaches us to think the same way. Any of us with this "programming," when we rise to levels where we can actually have access to such wealth, must fight a very natural predisposition to hoard it, to treasure it, to want it all for ourselves and to never, never, never be happy unless we have more, more, more. And even once we have more, we still feel empty. Something, somewhere, somehow is still missing -- even if we have the white picket fence, two point-five children, beautiful spouse and great job. Many of our lives just seem to be empty, and the former definitions of success in our society no longer seem to hold weight.

Along these same lines, our spiritual institutions are changing dramatically. Rigid dogmas have given way to a new set of questions, where many of us no longer feel that we have a clear or organized idea of what, or who, God really is. Much to the chagrin of avid church supporters and Fundamentalists, Christianity is like a withering fruit, clinging to the dying vine of its past and fearing the inevitable plummet to the Earth. This collapse of religion is being openly acknowledged moreso in England than in America, where the organized churches are at such desperate points that they are telling their remaining congregations that they will either have to raise a certain amount of money or start firing vicars, closing churches and even consolidating different denominations together in order to survive!

As numerous surveys report that well over 50 percent of all Americans are actively involved in New Age studies, including chakras, crystals, colors and channeling, it is not hard to see that religion is no longer answering our own "big questions." And now, with the presence of extraterrestrials as an

increasingly real proposition, we can no longer be content with the old answers. Something real is going on, and those who refuse to acknowledge that fact are looking more and more ridiculous with each new television special, movie, filmstrip, photograph, mass sighting and ex-government "whistle-blower" that comes forward.

So most of us can now safely say that "we are not alone," since it is virtually impossible that every single report and sighting is a figment of the imagination. But where does God fit in to all of this? Most professional UFOlogists are disgusted by the slightest mention of a spiritual meaning to the UFO phenomenon, and anyone trying to assert such a connection is shunned. When asked why 'they' are here, all too often we hear fear-based statements about how some form of looming invasion could be in the works, or that they are simply studying us to see what we are going to do in these troubled times, or even more nefarious hypotheses about how they are simply using us for "parts." Few UFOlogists want to humble themselves enough to admit that 'they' just might be here to help us. God might very well have a lot of help, and once help has arrived, do we choose to accept it or continue to ignore its essential mission and purpose?

And so, regardless of where we look for it, if we have not made a place for God and / or God's helpers in our lives, then indeed there must not appear to be any hope for getting through the future unscathed. As the corporations continue to rake in the dough, the Earth inexorably moves towards death and sterility. Without the notion and presence of God's forces as a tangible, real thing, there literally could seem to be no hope. No one can honestly accept that our social structures will change quick enough to avert catastrophe on their own, after reading a healthy dose of articles describing the incredible acceleration of Earth Changes that we are witnessing. We have made our bed, and now we have to lie in it. To many of us, a fat wallet provides a high that leads to myopic blindness, and we will simply refuse to change until it is already far, far too late.

But getting back to our discussion involving the extraterrestrials, what if everything that we are discussing is going exactly the way that it is supposed to happen? Should we have the audacity to be fearful when such miraculous visitations are showing up all around us? Can we honestly think that we understand the Universe when everything we see is telling us that the *dreams might be even more real than the reality?* Will we also one day have anti-gravity propulsion, limitless free energy sources, super-light-speed travel and cooperation with a whole galaxy worth of intelligent beings? With the technology that our visitors display and the messages that they seem to be giving us in greater and greater numbers, in our dreams and through dedicated channels including the author of this book, can we deny that 'they' are here on a spiritual mission, supervising an imminent renaissance and rebirth of the human spirit? Could we just possibly be *on time*, going through a process already well scripted and rehearsed throughout the entire universe? And is time truly nothing more than a straight-line path, or are we indeed subject to other, more mysterious cycles of human civilization, based upon a hidden harmonic structure in the Universe?

Our media seems to have a complete blindness to the amazing spiritual events that are occurring in many of our lives, as well as the unbelievably bizarre collapses and physical / emotional catastrophes that are occurring in

the lives of individuals all around us. If we sit down and think about it from an expansive spiritual perspective, it would seem that the "law of Karma" is indeed real. Our thoughts create our experiences, and we attract exactly what we have asked for. If we live in fear, then fearful events happen to us. If we live in trust, then somehow everything always works out. And now more than ever, anything in our lives that holds us back from making positive and loving choices is being burned off. We can look at those around us who seem to be the most deeply lost in self and see the personal apocalypse already occurring. The events on the planet seem to be no different.

As we unquestionably move closer and closer to some sort of event of major proportions, or what the Ancients referred to as the Shift of the Ages, do we really know what we are moving towards? Indeed, why is it that the entire "outside world" of extraterrestrial intelligence seems to be doing everything within their power to alert us of their presence now? Have we ever before had so much convincing evidence that there were previous advanced civilizations on Earth, and that they may well have been in contact with these same extraterrestrials before? Why is it that almost every person knows deep down inside that our own military / corporate / government / media hierarchy is practically bashing us over the head with the reality of extraterrestrial life, just so that they don't have to "officially" declare it? Why do we all keep waiting for "them" to release the secrets, when we already know the truth but just don't want to make that dizzying step of *really, really believing it*? And with incredibly accurate psychics in history such as Edgar Cayce, can we really deny that precise telepathic communication with this higher intelligence is possible?

Why do so many of us feel that something wonderful is about to happen? Are we expecting the truth of open contact with these extraterrestrials, of becoming a member of an interplanetary conclave of intelligent life? Are we paying attention to the fact that the more we try to "do good," the more our lives seem to flow in unpredictable and beautiful ways, answering all of our prayers? Do we notice the presence of synchronicity in our lives, how so many strange things seem to be happening that suggest that a higher spiritual force is at work, that we just happen to be at the right place at the right time?

Why are there increasing numbers of people out there, such as the author of this book, who are clearly able to contact these higher intelligences, and repeatedly produce results including accurate future prophecies that would be otherwise impossible to attain? Why are our dreams so filled with wonder that we awaken with awe and reverence, longing to return to wherever we had just been? Why, indeed, do we "just trust" that even in the midst of all the seemingly depressing and terrifying collapse occurring all around us that there is also new life, new wonder, new beauty and love? Why do we somehow know that we are, indeed, about to experience something so fantastic as to be the *Single Greatest Moment of All Time*?

In our minds, in our hearts and in our souls, often beneath our direct conscious awareness, we *know*: we *remember*: we *understand*. We are all aware, in some inconceivably vast way, that a fantastic event is about to occur on Earth. The Christians would have it as the Second Coming. The UFO buffs would have it as either the "big government disclosure," the "landing on the White House lawn" or both, as one may well trigger the other. The doomsayers might choose to see that we are about to be vomited off the

surface of the earth by volcanoes, hurricanes and tidal waves in an epic pole shift, asteroid collision or coronal mass ejection from the Sun, and insist that "it's all over." Others of us are much less certain about what it is, and therefore we can continue to keep it at arm's length and try to go on like nothing is going to happen.

Indeed, we might never truly understand this event, or even believe that something is really going to change, until it already has. And at that point, whenever "it" happens, everything that happened before that moment will seem to be nothing more than a faded chapter of life in dull monochrome. Our new lives will burst with color in a way that we could never have possibly understood. It is quite hard to imagine, for example, the day when every TV station, every newspaper and magazine headline, every government leader and every thinking person on the entire planet finally says in unison: "We are not alone." Or even better yet: the day of world peace, when every person, every nation and every race looks at each other, at the earth and at all other forms of intelligent life in the universe and says, "I love you and I respect you for who and what you are, as I love and respect myself for who and what I am. I am sorry for anything that I have ever done to hurt you and I hope you can forgive me. Let's work together to create a new world - a world without hurt, a world without pain, a world without crying children rotting away in festering starvation, a world where we are truly One with each other, with our earth and with the One Creator. So be it."

Our collective feminine Lunar self, symbolized by the number 1080 in ancient teachings, must overthrow the stranglehold that the masculine Solar self known as 666 now has over the planet. (And yes, it is this dominance of the masculine archetype on Earth that is behind the metaphorical Biblical prophecies for this period.) Both ourselves and our society must again embrace the Universal Feminine in love, thus giving us unity, as the ancient number 1746 represents. Our numerous creative works prepare us for this 'fusion' event on the subconscious level. In the 1998 movie *Pleasantville*, a world of black-and-white turns to color as people learn to leave behind their outmoded, 1950's-style beliefs and achieve true personal, emotional and intellectual freedom. In *The Truman Show*, a man symbolizing the collective mind of humanity comes to the stunning realization that the entire world around him is constructed as a giant illusion, where he is the star that millions of people in the *outside world* watch on their television screens.

In *Close Encounters of the Third Kind*, the lead character is driven by an arresting series of visions to finally board a gigantic extraterrestrial spacecraft, forever leaving behind his Earth life for the promise of something far greater. In the JRR Tolkien *Lord of the Rings* series, the entire world is preparing to undergo an incredible, multidimensional shift never before known in history. In *2001*, a Monolith is found that seems to alert an extraterrestrial presence of our own "coming of age." Guided by this force, spaceship commander David Bowman eventually enters into a vortex of spiraling light that first ages him and then returns him to a fetal state, indicating new life in a mysterious higher realm. In *2010*, the metaphor expands even more: Bowman returns as a multi-dimensional entity, telling us of an imminent, unbelievable transformation. "What is going to happen?" they ask him. "Something wonderful," he whispers, shaking his head gently from side to side with reverent, loving awe. Jupiter eventually explodes and becomes a star, creating an entire new solar system for us to use within our own. On every

television screen on Earth, the spiritual forces write, "All these worlds are yours... Use them together... Use them in peace."

In James Cameron's movie *The Abyss*, a fantastic and unspeakably beautiful extraterrestrial world is found in our own oceans, and after we achieve contact with it, it rises to the surface of the sea of our consciousness. In *Ghost*, our lead character is a spiritual being that says goodbye to the pottery-throwing woman symbolizing Mother Earth to enter into a vortex of pure light. In *Cocoon*, the old folks go off with the luminous extraterrestrials to a place where they "won't get sick, won't get any older and won't ever die." In *E.T.*, a fallen alien being, representing ourselves, finally gets to return home after nearly dying from living on Earth with "the children."

In the *Star Wars* trilogy, Darth Vader, as the symbol of the crushing weight of male-driven corporate America, is overthrown by the heroic power of love, and we realize that he is our own father, our own family, and he is welcomed back, newly transformed. In *Titanic*, as the ship representing our modern world sinks, throngs of people surround a minister who boldly and solemnly reads the scripture, saying, "*And there will be a new heaven, and a new earth ...And there shall be no more death, for we will have everlasting life...*" People go to bed and peacefully prepare for what is going to come. Then, people from "*the future*" come with exotic space-age undersea equipment to try to reconstruct the past events that had happened there, and these people include one of the original participants.

In *Contact*, we achieve communication with an extraterrestrial race, and this leads us to build a machine that enables us to journey to their own level. It is an exhilarating journey of light, sound and color, rocketing through unspeakably vast wormholes to a realm of pure, luminescent peace and beauty, where the angelic entities present themselves as members of our own family. In *Mission to Mars*, the beings responsible for building the "Face" reveal to us that "They are us: we are them," and one of the best "Ascension" finales on film occurs in the last two minutes. And in *The Matrix*, lead character Neo finally *believes in himself* enough that he gains complete control over the illusion of the physical world itself, defeating the negative forces that were trying to destroy him and acquiring Christlike abilities. Time after time, as we see these beautiful movies, tears stream down our faces as a part of us, somehow, some way, *knows and believes* that something as fantastic as this *is* going to happen to us in our own lifetimes. But it seems to be so far away, so far away, beyond our grasp or comprehension.

The ultimate conclusion of this book is that the event commonly known as "The Shift of the Ages" or "Ascension" is indeed going to occur, and it is indeed unspeakably fantastic. The chances are that we will never truly understand exactly what this means or how we will personally experience it until we are actually going through it. The truth of its imminent arrival is practically exploding out at us from all directions, both positively and negatively. Perhaps this is why it is so amazing that *almost no one* in the prominent UFO/metaphysics field is talking about it *at all*. Everyone seems to gather information that will get quite close to describing it, without ever actually identifying The Big Picture as it really is. Nor can we simply ascribe this transformation to a tired old Christian prophecy, as it was indeed forecasted long before Christianity ever came onto the scene.

But what exactly is this event going to be, you say? Sure, we all have an idea, but each idea can be different from the others. Some people familiar with these ideas feel that it simply represents a shift in consciousness that will occur here on the planet, with everyone making sudden strides in their awareness and the dawning of a new day, a new consciousness. Some people feel that it has to do with the moment when we achieve open contact with the "visitors" and become a member of a group of planetary societies with technology far vaster than ours, which could certainly create the previous scenario as well. Some others, such as James Redfield in *The Celestine Prophecy*, take the opinion that the body itself will actually disappear from view in a flash of light, or that some sort of spontaneous, holographic mutation of our DNA is going to happen at this moment.

The author of this book wondered about these questions just like everyone else. Before he ever started doing psychic readings, he had been fastidiously recording his dreams for over five years. It was through this medium that he was first exposed to the notion of Ascension, and of what it might actually involve - or at least a healthy, inspiring metaphor for it, in order to make the subconscious understand its impact. What follows is a transcript of the Aug. 1, 1996 dream that first gave him a direct metaphor to convey the wonder of what this experience might feel like when it actually comes.

I was standing in a clearing where I could see a large image of the moon against a bluish sky. During this time, I noticed that there was a round circle of glowing light on the surface. I got excited as I realized that others reported seeing this same thing before, and that it was basically supposed to be a reflection from an extraterrestrial "base" on the Moon. As I watched it, it expanded into a fireball that was 1/3 of the width of the Moon in the middle. Then, it shrank back down to a point and expanded several more times, in a fluid expansion-contraction mode.

It eventually overtook the whole moon and shone brilliantly in white, with a bluish tinge. Energy seemed to be coming in from the sides, and I was privy to the most fantastic special effects ever seen - reminiscent of what happened to Jupiter in Arthur C. Clarke's 2010, but even more incredible. The energy assembled itself into the form of a blue-white torus, like an inner tube. There was black in it as well. It seemed to roll off of the Moon while spinning around its internal center, moving closer towards me on Earth.

I noticed about five thin circular bands of energy that were spinning around the torus faster than it was spinning itself. They had these sparkling "stars" that seemed to be of a luminescent, shimmering black orbit in the circle. The stars were black, the rest of the circle much lighter colored. It was all spinning and spiraling as it headed down towards me. All of the differing motions made for quite an impressive spectacle. It threatened to draw in everything that it contacted like some giant, living black hole.

By this time, I was utterly and completely awestruck like never before. I felt like this was the most fantastic thing that had ever happened to me in my entire life. I began to fly up into the vortex, noticing that there was a blue ray on about a 45-degree angle that was connecting me back to the Earth somehow. It was at this time that I had realized that this had to be it - the big moment - the Ascension. I was so excited that I could hardly even believe it.

As I flew up into it, it became a gigantic, 300-foot wide tunnel of swirling, blue-white light. It was very bright, but cool and not unpleasant. It appeared as though I were wrapped in the middle of an endless tunnel composed of galactic arms, spinning and turning. I seemed to be hardly more than a speck compared to the epic size and vastness of the vortex I was traveling through. Part of what made it so incredible was that there was absolutely no sound, except for the incredible shouts of ecstasy in my own mind. I could tell that I was rapidly moving closer towards a sparkling wall of this luminescent blue light at the end of the swirling cylinder. Once I passed through it, I would never be the same again.

As all of this was happening, I felt an emotion not unlike fear. I thought to myself, "Now? What will happen? A higher dimension? I can't believe it!" I had a dim idea of what to expect there, but I felt that thought as just a remote patch in a corner of my mind. It was too indistinct. I really didn't know what to expect, but I didn't resist it. I basically was welcoming the experience. As my hands plunged into the blue light, it dissipated around them like water and vanished; I was on solid ground again...

THE TEACHINGS OF RA

After an experience of this magnitude, he obviously yearned to know more. He had already become familiar with the idea of Ascension as a possibility, but it was the sheer epic quality of this dream that made him ask even deeper questions. This dream directly led to a renewed interest in studying a series of books called the Ra Material and/or *the Law of One*, which were allegedly extraterrestrial communications. In these books, a Ph.D. physicist, university professor and airline pilot by the name of Don Elkins found the apex of his lifetime of research into the UFO phenomenon through telepathic contact with extraterrestrial intelligence. For twenty years he had been working with various gifted individuals who would go into trance and speak on behalf of these higher intelligences. And time after time, Dr. Elkins would ask them the most difficult, challenging questions coming from the forefront of his research into advanced physics, and he would get the answers. These answers were repeatedly coming from those who had no knowledge of these things while awake.

It was at the end of this twenty-year period that Elkins' work with Carla Rueckert, a very successful channel, broke through to a much more substantial level. This breakthrough was directly precipitated by the arrival of Jim Mc Carty, who thought that he was coming to help Don and Carla catalog, categorize and organize the volumes of material that they had already produced. Instead, something totally unexpected happened. They attracted a true heavy-hitter of the higher realms, perhaps the main group responsible for our care: a huge spiritual group of entities that had apparently fused themselves into one single mind that called itself Ra, and said that they were from the sixth dimension, millions of years more advanced than modern humanity. The words and concepts were highly sophisticated and precise, unlike any other type of channeled material ever seen, and were referred to by one professor as "akin to a Ph.D. dissertation on epistemology." As soon as Ra began speaking, they made it clear that this was the first time that they had been able to get through an undistorted series of messages in thousands of years of human history. Carla was brought to the complete unconscious state and taken out of her body for the Ra contact to occur, and had no

knowledge whatsoever of what had occurred while she was away.

This contact occurred in 1981, well before the field of channeling had reached such a huge surge of rather repetitive, simplistic and contradictory information that is often seen on the Internet and in certain magazines and books today. For whatever reason, the work has never become very well-known, but this certainly is no fault of the material itself. The quality and gravity of the information that Ra presents is unlike any other that this author has ever seen. As David continued reading this material, he came to a greater and greater realization that what Ra was truly trying to convey to Dr. Elkins was a *completely new view of physics as we now know it*. In this new view, there are multiple dimensions, each one capable of sustaining intelligent lifeforms in time and space. Each dimensional level is higher or closer to Oneness than the one before it.

Ra explained that those on Earth were on the third dimension, and that there were a full four dimensions of higher experience that we would go through before returning to the One Creator. At the point that this total reunion is accomplished, there would be no consciousness of any separation, only a consciousness of unity and Oneness. Ra also explained that each dimension gave different levels of teaching along the path to this Oneness, and that our own level was called "The Choice." According to Ra, all that we have to do is choose whether we are going to be of service to self or service to others. The realization of the importance of serving others is our first step towards re-aligning with the Oneness that they so often spoke of. If we only think of ourselves as separate beings and do not choose to love and to help others, then we are forgetting that we are truly only One Being, and that therefore serving others is serving our own True Self. What this Oneness wants for us, says Ra, is to simply love and get along with each other, to spread harmony and truth.

Obviously, this is an identical message to that which is spoken by most channelers now in the New Millennium. However, there were some very large differences between what Ra was saying and what the average channeler usually speaks in more recent times. We must remember that Ra was being interviewed by a very gifted physicist, and Dr. Elkins was often completely befuddled in his attempts to understand Ra's words. In the five books of the Law of One series, Ra lays out a comprehensive cosmology that is extremely internally consistent. David tried over and over again to find even one time when Ra contradicted themselves or appeared to falter, but could not.

Even more importantly, this cosmology was not simply all in the realm of lofty speculation -- for all intents and purposes, Ra was systematically teaching Dr. Elkins about a whole new form of physics, a new form of understanding the way that the Universe functions, rooted in compassion, harmony and wisdom. Ra was pleased that Dr. Elkins was familiar with the work of physicist Dewey Larson, who proposed that space and time were in a reciprocal relationship -- meaning that for every dimension of space, there was a corresponding dimension of time. They also mentioned that there was a lot more to understand than what Larson had come up with, but that it was a good start. And as their words in the five books continued, they gave many very precise statements that indicated exactly what this system of physics was, and its impressive spiritual implications.

As David read through the Law of One books and studied them in greater and greater detail, he realized that the systems that Ra were discussing were already becoming more and more visible in the scientific literature just since 1981, when the book was first published. The more he read, the more shocked he was to realize that apparently no one else had ever seen how many connections there really were, or that they even existed in the first place. Having already read and digested some 300 metaphysical titles by this point, David realized that the wisdom of Ra had now become a vast umbrella of truth that tied together many, many separate areas of study, providing answers where many other researchers had to work it out on their own.

As time has progressed into the present, while this book is being rewritten, David has continued to find more and more scientific evidence to back up Ra's assertions. Earlier versions of this book were made available on the Internet as early as spring of 1998, but the amount of new information has significantly been enhanced since the book's inception. The version that you now hold in your hands is specifically designed to upgrade the existing body of information before launching into a three-book series that will retain the original name Convergence and will be investigating these same topics with even more depth than before.

The crowning achievement of truly being able to decode the physics systems that Ra has described is the knowledge that *the Earth is going to undergo a dimensional shift*. Ra explains that there is a natural structure to the galaxy that we are all passing through at this time, a structure where certain portions of the galaxy have a higher concentration of "energy" than others. As we naturally pass into these areas of higher frequency, there are changes visible in our Sun as well as in the Earth itself. And even more importantly, there are changes in each one of us as well. Although we cannot know for sure how or when this event will actually occur in our own personal experience, we know that Ra tells us that at the conclusion of this shift, life on Earth will be fully *100 times more harmonious* than it is now. All of the abilities that were demonstrated by Jesus and much more will be readily available to everyone. This is apparently not a gradual transition by any means, but an epic change that occurs in a very brief period of time, when the critical threshold in consciousness is finally reached.

Quite significantly, our latest research has revealed that Ra was right about there being an underlying energy to the Universe that has fluidlike properties of vibration. Modern scientists call this "zero-point energy" or the "virtual particle flux." We now know that there are 'virtual' counterparts to all the basic components of the atom, (such as protons, neutrons and electrons,) which appear to be exactly the same except that they continually "wink" in and out of existence. The discussions of zero-point energy have captivated the world of quantum mechanics as well as many other aspects of physics, as we now must conclude that all of reality that we see is fundamentally built up from an energy that remains hidden to us. And for many, this is not a very comfortable concept, as we like to "get our hands" on the world around us, not be confronted with a mysterious energy that we cannot directly measure. And yet, experiments and prototypes such as the Casimir effect, sonoluminescence, and anti-gravity / free energy devices have already proven that this energy must exist.

In the future editions of this body of research, now in progress, we will cover

the study of zero-point energy in far more detail. Modern researchers have brought back the forgotten term "aether" for this energy, as up until the beginning of the 20th century, scientists believed that it was there. As just indicated, those who now work with the concepts of the 'aether' have discovered that it can indeed be harnessed to produce all of the basic effects seen in the UFO, including anti-gravity, limitless generation of energy from "empty space" as well as the possible travel through higher-dimensional spaces. Clearly, our understandings about reality are changing very quickly, and David has continued to be impressed as each new finding only helps him to greater understand what Ra had already been saying all along in the Law of One series.

Most of this book is dedicated to giving us a good, general overview for how this system of "aether" energy works, and how it is related to the dimensional shift that we are now approaching. We will see that the principles of *vibration* are the most fundamental in understanding the behavior of the aether, or what we might simply want to call spiritual energy. Part One of this book, *The Harmonic, Multidimensional Universe*, explains in the next chapter that the master organization of this energy is in an Octave of dimensions. Ra referred to the different levels as "densities," as what we actually have is one unified energy that simply exists in different levels of concentration. It is the *relative speed of vibration* that determines each level of concentration, and we will show that there are three levels to this vibration that must be considered equally: light, sound and geometry. When we look at the aether itself, we see that it is comprised of a vast sea of energy "units" that we will refer to as Consciousness Units. Due to the basic laws of harmony and vibration, these units will always maintain a spherical field, but the characteristic vibrations of each "density" or dimension will give them a different "color", "sound" and geometric structure. We will take a look at the exact numbers that are involved in these harmonics, and see how much they reveal when studied more closely. More importantly, we will see that these consciousness units are not bound by space or time as we know it- they can be tinier than the tiniest subatomic particle or as large as the entire Universe itself.

In Chapter Three we explain how the Ancients knew of this system of three-dimensional geometric vibrations, and built structures such as the pyramids to harness these forces. We will also look into the idea that very similar structures known as the Martian Monuments fit this pattern as well. We also will take a look at the amazing structure and complexity of the Great Pyramid itself, especially at the time that it was first built, and with our understandings of this universal energy source it becomes quite easy to see that it truly is an artifact of a higher level of technology than we now possess. In Chapter Four we explain how modern physics is beginning to catch up to this ancient knowledge through such things as "Superstring Theory." Then, we bring in a quote from the well-known entity Seth, channeled by Jane Roberts in the late 60's and for years afterwards, which reveals that almost identical information to this advanced theoretical physics concept had been given well before Superstring Theory or the Ra books ever came about.

In Chapter Five we begin looking at the true father of all current multi-dimensional physics models, an Indian mathematician known as Srinivasa Ramanujan. We will clearly see that Ramanujan's information was acquired through a mystic process that bears remarkable similarity to channeling. Furthermore, we will see that the key number of dimensions in Ramanujan's

models was always eight, thus lending further support to Ra's model of an Octave. In Chapter Six we devote a great deal of space to an exploration of a passage dictated by Seth in 1971, which gives us a much greater understanding of how the sphere-based "consciousness units" of aether energy function in our Universe. Then, in Chapter Seven we will see that the extraterrestrial forces are continuing to try to teach us this information through the "crop circle" phenomenon. In these pictograms which emerge overnight in various crops, often accompanied by anomalous sightings and inexplicable heating and bending of the crops themselves, we find all the blueprints for this model of harmonic aether geometry in place. We specifically zero in on a formation known as Barbury Castle 1991, and show how precisely it displays this complex three-dimensional information, both literally and symbolically as well. We also investigate the work of Gerald Hawkins, who proved that the most common formations that were seen in the crops were directly related to musical proportions, in a perfect harmonic relationship.

With this knowledge in place we open up Part Two of the book, *Planetary Grids and Ancient Knowledge*. In this section, we explore how these geometries directly affect the fundamentals of the Earth itself. Science is now catching up with Ra in revealing that these aetheric energies or "consciousness units" are constantly streaming in and out of all physical objects in the Universe, continually forming them moment by moment. We remember that size does not affect these units, and that the sphere of the planet itself can resonate as one massive "unit" in its own right. Once we know that such behavior is expected of the Earth in the new physics, all we have to do is start looking for it. We then begin Chapter Nine by discussing the work of Bruce Cathie in this regard. Cathie gave clear evidence that extraterrestrial beings were navigating the earth using a geometric "grid" that consists of the simple cube and octahedron geometries, crisscrossing over the Earth's surface. Cathie made incredible strides in decoding the harmonic structures of these energies, all of which ties in very neatly with the models that Ra espoused in the Law of One series. Furthermore, Cathie's model does indeed provide a harmonic basis for the Unified Field Theory of physics, which may well prove to be his most lasting accomplishment. We also include some of Ra's quotes in this chapter to help the reader see the connections that are involved.

In Chapter 10, we discuss the Philadelphia Experiment as one of a number of examples that help to show us that a simple magnetic field, when used to create the proper harmonic and geometric vibrational frequencies, can actually concentrate aetheric energy in a local area and cause a dimensional shift to occur. This well-known experiment supposedly was the result of a Navy experiment in radar invisibility that went awry. In the future, it may well be a usable "teleport" technology. We also remind ourselves that the far greater aspect to this energetic change is occurring in our Solar System as a whole, relative to our placement to the center of the galaxy and aided by the harmonic cycles that we will find in the Sun.

Then, in Chapter 11 we continue our exploration of the Global Grid with this knowledge of the energies involved as being very real, and quite possibly engineerable. The work of Richard Hoagland and the Enterprise Mission is cited as a means of showing us how the geometry of the "aether" emerges in planets. Through an analysis of the Martian Monuments, Hoagland's team discovered that an encoded message was set forth which gave precise

information for future visitors to decode the basics of the aetheric physics discussed by Ra. This fundamentally comes about through the observation of a tetrahedron inside a sphere, which we will have already seen in Chapter Seven. Hoagland's team went on to show this tetrahedron as an underlying energy structure in almost every planet in our Solar System, responsible for cloud bands, giant volcanoes, sunspots and giant swirling vortices such as Jupiter's Great Red Spot.

Then, after establishing the placement of the tetrahedron with the cube and octahedron that we had already been investigating from Bruce Cathie, we begin investigating the work of Carl Munck, who showed us how these energetic forces on Earth were precisely harnessed by the Ancients. Through Munck's work, known as "The Code," we see that almost every single pyramid, sacred site and earthwork from ancient times on the planet is part of a vast, planet-wide matrix of coordinates, centered at the Great Pyramid of Gizeh. We bring in an excerpt from the Wilcock Readings as he struggled to understand how to unify the work of Munck with Bruce Cathie, Richard Hoagland and other "Grid" researchers we will meet in the next chapter.

In Chapter 12 we complete our geometric mapping of the higher dimensions on Earth through the investigation of the work of Ivan P. Sanderson, then Goncharov, Morozov and Makarov and culminating with professors William Becker and Bethe Hagens. The only two of the five basic "Platonic" geometries left undiscovered at this point were the icosahedron and dodecahedron, as Cathie showed us the cube and octahedron and Hoagland showed us the tetrahedron. We see that Sanderson discovered the presence of the icosahedron through a careful study of worldwide "trouble spots" for marine and air travel such as the Bermuda Triangle. His exhaustive efforts came up with twelve fundamental "Devil's Graveyards," all of which were spaced in perfect harmonic proportions from each other. When these spots are connected together, an icosahedron is formed. The Russian scientists Goncharov, Morozov and Makarov expanded on this idea by including the dodecahedron in the Grid model as well, and they suddenly realized that the combined icosahedron / dodecahedron grid appeared to be directly responsible for the positioning of continents, mountain ranges and undersea ridges, as well as weather and population centers, animal migration patterns and anomalous distortions in space and time as first cataloged by Sanderson. Furthermore, they realized that almost every sacred site or monument on Earth was fundamentally connected to this Grid.

When the work of Becker and Hagens is then added in, we find that they provide a Grid model of 120 interconnecting triangles that unifies all five of the Platonic Solids as one, and also reveals even more detailed results about how these energies are operating on the Earth. We also introduce our own independent research, which shows that various island chains on the Earth's surface form precise "grid circles" that are clearly related to the structure of the Becker/Hagens grid itself. We also investigate a series of reports regarding the mysterious disappearances and time-warping effects seen at various points on this Grid. Then, in chapter 13, we introduce information from Dr. Lefors Clark regarding the behavior of magnetism, and how it can form "diamagnetic vortices" as it travels. These vortices help explain exactly what we are seeing in the Grid Circles, and how the natural aetheric forces in the Grid brought them about. We then give a much closer look to the five Platonic Solids themselves, in order to see more clearly how they are directly related

to the interconnecting system of harmonics that we have been discussing. Then, we again bring in the work of Carl Munck, who revealed a very fundamental connection between the Speed of Light and the harmonic numbers of sound which suggest that *they are actually functions of the same unified energy source*. Although Bruce Cathie revealed the same thing in his own harmonic system, the connection discovered by Munck is arrived at in a totally different way, but with the same conclusions.

Then, in Chapter 14 we suggest that those who built this Grid never really faded out of view, they simply went into secrecy. We show the clear connections between modern "secret societies" such as the Freemasons and these ancient truths, including photographs of the mural that was erected in the UN, which clearly show us that its builders were well aware of sacred geometry and "consciousness units" in some form, and hence a working knowledge of the entire system of harmonic physics in general. We also see similar coded information emerging in the Great Seal of the United States. We then discuss the idea that a "Hall of Records" preserved from Atlantean times exists under the Giza plateau in Egypt, and cite the controversial research of Aaron Du Val who apparently worked with one Dr. Scott who claims to have found identical records in other areas, beginning with the alleged Atlantean ruins off the Florida coast near Bimini.

Then, having completed our investigation of the Global Grid, we move into Part Three and expand the window of understanding this system of physics to larger-scale harmonic events occurring in *time*. The main time cycle that we will be investigating is that of our Sun, hence the title for Part Three: *The Great Solar Cycle*. In Chapter 15, we again return to the words of Ra to discuss this cycle, what it is and how it functions. We introduce the idea of the Earth's precession, a long-term wobble that takes 25,920 years to complete and is precisely mirrored in Ra's discussion of the Solar Cycle. We also correlate this with the well-known trance writings of Edgar Cayce, as few realize that he also spoke of a Solar Cycle as well. Excerpts from Ra explain exactly what we can look forward to as we approach this event, which they refer to as "harvest." In Chapter 16, we bring in the work of Maurice Cotterell, who has made discoveries that completely bolster the findings in the Ra books, but were not even begun until years after the contact had ended. Through long-term mapping of the Sun's counter-opposing speeds of rotation, he came out with a series of graphs that predicted very long-term cycles in its activity -- cycles far longer than modern science would want to accept. We then see that identical numbers as seen in Cotterell's work were actually *known and recorded by the Maya* thousands of years ago. Part of this study involves the Mayan Calendar, a complex instrument for measuring the passage of time in roughly 5,125-year increments.

In Chapter 17 we discuss the work of ex-NASA astrophysicist Maurice Chatelain, who further enhanced humanity's understanding of the Mayan Calendar. Although Chatelain's ultimate hypothesis about the dating of the Calendar can be proven incorrect, his insights regarding the importance of Jupiter-Saturn conjunctions are crucial in understanding how this system of physics operates in our Solar System. We continue our discussion of Chatelain's work in Chapter 18, where we bring in his discoveries of even longer-term cycles in our Solar System through the Constant of Nineveh. This constant is an harmonic expression of all the orbits of our Solar System down to the second, and every time that it completes a cycle we could think of it as

being a time when all the planets would be in a perfectly straight line. We will also show *that this number was charted by the Sumerians thousands of years ago*. Even more importantly, the entire number can be built up by multiplying 70 seven times by 60, thus giving us a valuable clue to the ultimate harmonic simplicity of the cycles that are at work.

This is followed by Chapter 19, which starts off with the work of Bradley Cowan, who has shown clear evidence of geometric structures in time that directly affect human behavior in stock trading, thus giving us a clearer picture of the underlying nature of all the cycles we have been looking at. We then detail Wilcock's own discoveries that neatly expand the Nineveh Constant out to a galactic level, revealing it to be a *precise* harmonic of the time that it takes the galaxy to complete one rotation. This discovery lends even more credibility to Ra's ideas about there being different areas of harmonic energy concentration in the galaxy, areas that we may well be moving into at this time. Our own Earth's precession is also very fundamentally related to this Constant through simple harmonic proportions as well, thus showing us the true Galactic scope of the Solar Cycle. We then go further to reveal that Cotterell's work reveals that three Earth precessional cycles must be included in order to make a perfect fit with the cycles that are seen in the Sun, and again this information is precisely mirrored in the statements from the Ra Material. Viewing all of this information together, and reviewing all the changes that are occurring around us now, we can certainly see how far the validity of Ra's statements really goes.

In Chapter 20 we conclude our mission by looking at the work of "cyclology," which shows historic events repeating in harmonic time intervals. We return to the Great Pyramid to reveal that the crown jewel of its hidden message is a timeline that relates to our present point in history very directly. Clear evidence of this elaborate system is presented, along with a powerful suggestion -- that the conclusion of the timeline itself is now, and is associated with a passage to the stars and / or those from the stars coming to us. As this event in the Timeline occurs in our near future, we are again convinced that our Atlantean / extraterrestrial brothers were very well aware of what we would be going through at this point in our history, and were intent on giving us a valuable means of predicting it in advance. Once we see the reality of this massive "prophecy in stone," it becomes quite difficult to deny the message. We then follow with our conclusion in Chapter 21, where we will review all of the material and reveal a few more surprises as well.

And so, without further ado, let us begin. Even if we choose not to believe that every portion of the research is valid, we will clearly be able to see the connections, and this will greatly assist us in trusting that we are indeed going through a process that is for our highest and best good. It is a process that might just have a fantastic "surprise ending" that none of us could have ever expected until it actually happens. If Ra's statements are accurate, no one person could ever possibly fathom the incredible joy and bliss that awaits us as we transfer into this higher realm of being, where a Utopian world of science fantasy and pure love becomes the reality of each and every "day."

CHAPTER 02 HARMONIC DIMENSIONS: The Architecture of the One

CHAPTER 02: HARMONIC DIMENSIONS: *The Architecture of the One*

This chapter begins your initiation into the hidden history of planet Earth, which is our first major key in unlocking the secrets of the Universe. Keep in mind that certain concepts that some find difficult to make “room” for in their minds need to be installed early along, and that there is a big payoff to having this information in mind later on. As always, if a certain part stumps you, just continue reading along, as what matters is the overall vision, not the specifics.

The discussions in this book will increasingly lead the reader to the understanding that the ancient world knew a lot more about the real way that things work than we do right now in the mainstream. If we want to understand how the physical Universe really “works,” including the spiritual connections, some of our best pieces of evidence will be found in the written and physical relics of the distant past. Indeed, we can no longer deny that a very advanced civilization existed at least 12,500 years ago, and possibly much farther into the mists of remote antiquity than that as well. For those who are interested in pursuing this knowledge and research further, the following contemporary books are a brief sampling of some of those that have demonstrated themselves as being quite academic, reputable and enlightening:

The Mysteries of Atlantis Revisited by Edgar Evans Cayce

Fingerprints of the Gods by Graham Hancock

When the Sky Fell by Rand and Rose Flem-Ath

The Orion Mystery by Robert Bauval and Adrian Gilbert

Message of the Sphinx by Graham Hancock and Robert Bauval

From Atlantis to the Sphinx by Colin Wilson

SPHINX WATER WEATHERING

The most common argument of “proof” that one will encounter when reading the above books and others like them has now been dubbed as the “smoking gun” of the case for Atlantis. We are hereby referring to the observable fact that the Great Sphinx of Egypt, situated directly next to the three main pyramids on the Gizeh plateau, shows unmistakable signs of having been *weathered by water*. There certainly isn’t any water in the Egyptian desert at the present time, nor was there any in the times typically cited for the construction of the pyramids. This is easy enough to prove through direct geological studies of the surrounding lands.

This intriguing pattern of weathering on the Sphinx was originally observed by R.A. Schwaller de Lubicz, a brilliant scholar and thorough researcher who completely redefined humanity's understandings of ancient Egypt and Atlantis through the mid-1900's. Contemporary author John Anthony West re-

discovered this anomalous weathering pattern, which was rather casually mentioned in de Lubicz's book *The Temple of Man*, and realized that it was clearly something that was testable and provable that had been almost miraculously overlooked in the past. And after many, many failed attempts to gain the support of myriad geologists, West was able to find cooperation with Robert Schoch, a young but well-respected expert in the field, having already written four published books on archeology by his late 20's.

Schoch was reluctant to investigate West's hypothesis until he was certain that he had secured tenure at his academic organization, but by the beginning of the 1990's he was ready to proceed. West and Schoch then finally traveled to Egypt and realized that the case was *even more powerful* than they had previously thought; there were *overwhelmingly redundant* signs of water weathering everywhere they looked, both on the Sphinx and nearby temples made of huge stone blocks as well. The Sphinx was carved out of limestone, which is a conglomerate of sandy particles that have fused together into a solid. Wind erosion produces stratified, horizontally ribbed surfaces in limestone that look like the pages on the side of an old book, as certain layers of the conglomerate rock will be thinner and weaker and certain layers thicker and stronger. The thicker areas of limestone will resist the power of the wind more strongly and thus erode less, whereas the thinner layers will disappear more quickly, thus producing an uneven surface that most of us have probably seen in desert photographs, or perhaps even in person.

On the other hand, water erosion produces smooth, sensuous curves that cut directly down into the rock regardless of its thickness, forming rounded corners, snakelike rivulets and crevices. The signs of this erosion are so obvious that when West disguised the Sphinx out of the pictures with tape, *all geologists who he showed the images to could agree that it was a picture of a rock outcrop with water erosion*. However, once West removed the tape and showed them where the picture was from, they immediately grew agitated and did not want to discuss it any further, for the simple fear of losing their reputation. Dr. Schoch was the first geologist to face the facts and stake his own reputation on the obvious.

And since we all know that Egypt is now a desert, the Sphinx simply must have been built at a time when a *lush, green jungle climate with abundant rainfall was in existence*. And even the most outrageously conservative geological estimates for there to be enough water in Egypt to create such formations date back to at least 7,000 BC, and most would agree that 9,000 BC is a far more realistic figure; and that is simply the most recent time that there was *any rainfall at all*. You must then also factor in exactly how long it would take for such advanced water weathering to occur – certainly not a few hundred years but potentially many *thousands*.

And so, even if one was to throw away the multitudes of other solid evidence that exists in support of an advanced ancient civilization, we can still come back to the Sphinx. Once we know what we are looking for, we will realize that this is only one of the more obvious means of proving that the historical "Atlantean" culture – i.e. an ancient advanced civilization – had a precedent in fact.

ROBERT BAUVAL AND THE "GIZA ALIGNMENT"

The next popular academic argument for "Atlantis" came from Robert Bauval in "*The Orion Mystery*," from the early 1990s, though Dr. J.J. Hurtak originally mentioned the same concept in *The Keys of Enoch* in the 1970s.

The three main Pyramids of Egypt at Giza are arranged in close proximity to each other, and Bauval was curious about the apparent lack of symmetry or geometry in their layout. He knew that there had to be some reason for why they were aligned in the way that is now seen overhead. Inspiration finally struck as he looked up at the constellation of Orion, which has three main stars that form the middle section, referred to as the "belt." He realized that the *Pyramids of Giza were configured in precisely the same manner as the "belt" of Orion*, and he quickly proved his point by overlaying the site maps of the Pyramids and the star maps of Orion's belt on top of each other. Not only was each Pyramid in the proper position, but even the relative sizes and colors of the Pyramids were *directly proportional* to the magnitudes and colors of the stars in Orion's belt. (The Cheops and Khefren pyramids were both originally covered in white limestone and are approximately the same size, like the two main stars in Orion's belt, whereas the Menkaure pyramid is significantly smaller and was originally encased in red granite, just like the dimmer and redder third star.)

As Bauval continued to investigate the matter, he realized that the architects of Giza had created a perfect duplication of the starry heavens on Earth – an idea that fit in perfectly with their concept of the connection between the physical world and the *Duat*, or spiritual world. Furthermore, the position of the Nile River relative to the Pyramids was *identical* to the position of the Milky Way relative to Orion's belt in the starry night sky. Further Pyramids near Giza seemed to suggest that several other significant stars of Orion and the nearby Hyades constellation were immortalized in stone on the Earth as well.

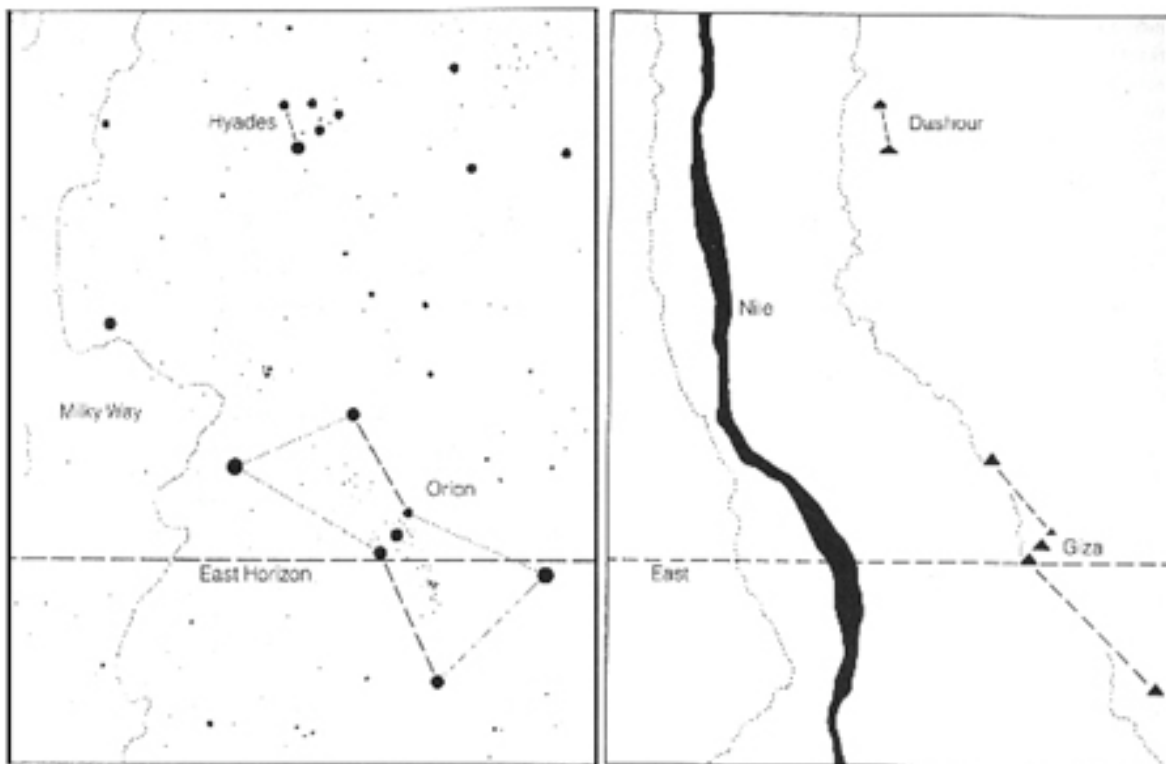


Figure 2.1 – Robert Bauval's Comparison of Orion/Milky Way with Giza/Nile

Though this alignment is intriguing, it does not appear to give us any new information about the time that the pyramids were built. However, by using a program known as *Skyglobe*, Bauval realized that the only "recent" time that the Milky Way would be perfectly aligned with the Nile River was roughly 12,500 years ago. At that time, and only at that time, (unless you were willing to travel back more than 30,000 years ago,) one could stand on Earth and observe the Pyramids and Nile River at a distance, and watch the Nile align directly with the Milky Way, while the stars of Orion's belt would perfectly align with the positions of the terrestrial pyramids. This is caused by the phenomenon of the Earth's precession, a long-term wobble in its rotational path that we will discuss later.

As a simple, preliminary explanation of precession, you would normally expect that when you get to the same time each year, where the Earth is at a specific angle to the Sun, such as the equinox or solstice, then all the stars should be in the same positions from year to year on that date. Nevertheless, the stars in the night sky will drift from those visible positions by one degree every 72 years, tracing a full circular path through an area of the night sky about every 25,920 years. If you build a temple to align with a star at the solstice time, then within a relatively short time your descendants would realize that something was causing these star positions to shift out of their previous alignment.

So, it was clear that Bauval had found a time capsule, an encoded archeological matrix of information designed to show the *exact time* that the entire complex was first designed and planned. Clearly, the ancient architects were very clever to design such a system. Another layer of "proof" is the fact that during this same time frame, and only during this time frame, the Sphinx directly faces the constellation of Leo the Lion, due to its position in the Earth's precession. This whole body of findings is so obvious and compelling that it has completely bypassed the prejudiced "peer review" of mainstream archeology and gone directly into the public consciousness through documentaries on Discovery Channel and the like.

SUPER-ADVANCED DRILLING

Another recent breakthrough in the argument for a lost civilization with high technology comes from Christopher Dunn, whose main expertise is in drilling. He has definitively proven that certain artifacts, including the empty coffin or "Granite Coffin" that is featured in the King's Chamber of the Great Pyramid, show signs of super-advanced drilling techniques that surpass anything now in our possession. Dunn analyzed the Granite Coffin and found unmistakable evidence that indicated that it had been hollowed out with some form of tube-shaped drill that would core out a piece at a time. The spiraling patterns that were left behind in the granite showed that this drill was capable of boring through *1/10th of an inch of rock per second*. However, granite is such a hard stone that even our most modern diamond-tipped drilling systems can do no better than *1/100th of an inch per second*, meaning that the ancient technology used works *ten times better* than any method now at our disposal.

In books such as *Fingerprints of the Gods*, Graham Hancock points out another intriguing aspect of Dunn's work. In various ancient Egyptian tombs we see carved vases and statues of *diorite*, which is a dark-colored material

that is considered to be one of the hardest forms of stone on earth. These vases have very long and thin necks, and are carved out from *one single piece* of diorite. The openings on some vases are not even large enough for a child's finger to fit inside, and yet their inner contents were hollowed out *perfectly*.

So now we must not only visualize a drill that puts our current designs to shame, but a drill that must have *flexibility* as well, in order to produce a tiny hole and then move around inside. Dunn's conclusion is that the Ancients must have been in possession of a drilling technique that far outstrips anything that we now possess. He goes on further to suggest that these ancient drills might have utilized ultrasonic sound somehow, thus working in a similar fashion to how the repetitive vibration of a jackhammer carves up concrete streets and sidewalks. But even then, he is at a loss to explain how they could have carved the diorite vases. While these findings do not give an exact date for when such work would be produced, they certainly do not appear to be consonant with any technological developments in known Egyptian history. They appear to be much more in tune with a society that had technical capabilities equal to or exceeding our own.

ANCIENT AIRCRAFT

Frontier scientist Richard Hoagland's research team *The Enterprise Mission*, at www.enterprisemission.com/tombsweb3.html, pointed out another relatively new and interesting development in the proof for a lost technological society. Among other points, Hoagland et al. discuss the recent findings of German scientists Dr. Algrund Eeboom and Mr. Peter Belting. Several small gold trinkets have been recovered from tombs of the Incas, dating back thousands of years. These trinkets clearly depict structures that undeniably appear to be workable flying airplanes, complete with what appear to be gun turrets on some of the wings. See for yourself:



Figure 2.2 – Eeboom and Belting's discovery of ancient gold trinkets of working aircraft.

In order to prove that these tiny models represented real airplanes, Eeboom and Belting collaborated together to design perfect schematic diagrams of the tiny objects. They then expanded the proportions of these blueprints large enough to build workable scale models. And to their amazement, they found that by simply putting a propeller at the front and stabilizers on the wings, the planes not only flew but were *capable of performing complex aeronautical maneuvers* via remote control. See the above link for more details and photographs of their prototype in action.

Hoagland et al. also point out the far more well-known fact that working bird-shaped gliders have been found within tombs in Egypt. Since these gliders also possess remarkable similarity to working airplanes and are capable of long flights when thrown, we must assume that the ancient Egyptians were also well aware of this technology. With the evidence now seen from the Incan tombs above, we may suppose that the bird gliders were simply children's toy

models of systems that were in much more common use at one time.

And so, if we are seeing workable airplane models being built as small gold statuettes and wooden models in two different ancient cultures separated by the Atlantic, we certainly can assume that a large-scale technological society with full-sized, working aircraft may have been in existence at one time as well. It is frustrating that we have not found any full-sized models. However, after a hypothesized 12,500 years of time passing, we should expect that any such structures made of wood or metal would have long since deteriorated. The Atlantean lore from the Edgar Cayce readings states that almost the entire concentration of that society was on an island in the Atlantic that included present-day Cuba and outlying areas as well, and which subsided under ocean waters, known as "Poseidia." And if the modern toys of our society were suddenly subjected to a vast cataclysm and promptly left unattended for 12,500 years, the savage action of tidal waves, land subsidence, rust, tornadoes, hurricanes, rising sea levels, glaciers, natural disasters and all other forms of growth and decay would most likely completely wipe out all remnants of things such as wooden houses, hollow buildings and skyscrapers of glass, and metallic automobiles, trains or airplanes.

So therefore, despite their toy-like appearance, which may indeed have been the playthings of children at one time, these tiny gold statuettes could well have been considered very sacred objects – some of the sole remaining fragments of a culture of "Gods" destroyed in the seas of Time. These precious models were held onto and possibly copied over and reduplicated for thousands of years by the survived "Atlantean" cultures of the Incas and Egyptians before being buried in their tombs. They may well have been the direct symbols of a lost "time of the Gods" when humankind had conquered the skies and could fly around at will, with the gifts of advanced technology.

SUBMERGED CITIES

If one still is not convinced by working ancient airplanes, special time-encoded alignments, super-advanced drilling and water weathering on the Sphinx, an even more impressive "smoking gun" is now available in the mainstream. As of late 2001, Paul Weinzweig and Paulina Zelitsky of Advanced Digital Communications, a company dedicated to using advanced undersea scanning technology to salvage shipwrecks, discovered a massive city of "pyramids, roads and buildings" some 2000 feet down under the sea on the western edge of Cuba. Right as we were putting this final revised chapter together, this story broke for the first time into the mainstream media, through an article by Kevin Sullivan for the Washington Post newspaper, page A25, on Thursday, October 10, 2002. Read for yourself:

HAVANA – The images appear slowly on the video screen, like ghosts from the ocean floor. The videotape, made by an unmanned submarine, shows *massive stones in oddly symmetrical square and pyramid shapes* in the deep-sea darkness.

Sonar images taken from a research ship 2,000 feet above are even more puzzling. They show that the *smooth, white stones are laid out in a geometric pattern*. The images look like fragments of a city, in a place where nothing man-made should exist, *spanning nearly eight square miles* of a deep-ocean

plain off Cuba's western tip...

The discovery immediately sparked speculation about Atlantis, the fabled lost city first described by Plato in 360 B.C.. Weinzweig and Zelitsky were careful not to use the A word and said that much more study was needed before such a conclusion could be reached.

But that has not stopped a boomlet of speculation, most of it on the Internet. Atlantis-hunters have long argued their competing theories that the lost city was off Cuba, off the Greek island of Crete, off Gibraltar or elsewhere. Several Web sites have touted the ADC images as a possible first sighting.

Among those who suspect the site may be Atlantis is George Erikson, a California anthropologist who co-authored a book in which he predicted that the lost city would be found offshore in the tropical Americas.

"I have always disagreed with all the archaeologists who dismiss myth," said Erikson, who said he had been shunned by many scientists since publishing his book about Atlantis. He said the story has too many historical roots to be dismissed as sheer fantasy and that if the Cuban site proves to be Atlantis, he hopes "to be the first to say, 'I told you so.' "

Manuel Iturralde, one of Cuba's leading geologists, said it was too soon to know what the images prove. He has examined the evidence and concluded that, "It's strange, it's weird; we've never seen something like this before, and we don't have an explanation for it."

Iturralde said *volcanic rocks recovered at the site strongly suggest that the undersea plain was once above water, despite its extreme depth.* He said the existence of those rocks was difficult to explain, especially because there are no volcanoes in Cuba.

He also said that if the symmetrical stones are determined to be the ruins of buildings, *it could have taken 50,000 years or more for tectonic shifting to carry them so deep into the ocean.* The ancient Great Pyramid of Giza in Egypt is only about 5,000 years old, which means the Cuba site "wouldn't fit with what we know about human architectural evolution," he said. [emphasis added]

If we read this article with a clear and open mind, it isn't hard to see that the "disclosure timeline" that so many in the metaphysical community believe to exist is now being pushed forward. The skepticism borders on the ridiculous, especially once we learn that the pyramids are indeed perfect replicas of those still visible in Mesoamerica, that the "*geometric pattern*" of the "*smooth, white stones*" is in some cases exactly the same design as Stonehenge, and that obviously manmade inscriptions such as crosses have been observed and filmed on the stones. Furthermore, Zelitsky leaked to Enterprise Mission's chief investigator Richard Hoagland that *they have also found giant Sphinx statues as well.* Let us not forget the priests who refused to look through Galileo's telescope, because they literally did not want to see the proof that they were wrong. So, regardless of what you choose to name it, the ancient civilization *did* exist. Period. And the Edgar Cayce readings said that before the final parts of Atlantis sank, the island continent of Poseidia was the center of population, and was located where Cuba and the Yucatan are now.

Thankfully, National Geographic is planning a full-blown manned submarine mission to the site in summer 2003. Originally it was promised for summer of 2002, but "funding problems" interrupted the process. Perhaps "someone" didn't think the world was ready yet... and we'll explain why that is later in this chapter.

ATLANTEAN LITERATURE

Contrary to what many might believe, even those who have been studying the subject for a long time, there do appear to be certain sources of literature that have survived from the time of Atlantis. The most informative material to provide an explanation for the airplane models that we discussed above comes from the Vedic scriptures of India. According to David Hatcher Childress in the book *Vimana Aircraft of Ancient India and Atlantis*,

The India of 15,000 years ago is sometimes known as the Rama Empire, a land that was contemporary with Atlantis. A huge wealth of texts still extant in India testify to the extremely advanced civilization that is said by these texts to go back over 26,000 years. Terrible wars and subsequent earth changes destroyed these civilizations, leaving only isolated pockets of civilization.

The devastating wars of the (Hindu scripture known as the) Ramayana and particularly of the Mahabrata are said to have been the culmination of the terrible wars of the last Kali Yuga, (or cosmic cycle of time.) The dating process is difficult, in that there is no exact way to date the yugas because there are cycles within cycles and yugas within yugas. A greater yuga cycle is said to last 6000 years while a smaller yuga cycle is only 360 years in the theory expounded by Dr. Kunwarlal Jain Vyas. His papers said that Rama belongs to the twenty-fourth small yuga cycle and that there is an interval of 71 cycles between Manu and Mahabrata period, which comes out to be 26,000 years.

Clearly, if the smaller Hindu cycle of time is 360 years and the authors of their scriptures have diligently counted at least 71 of them, we are dealing with a civilization that is far older than we are currently willing to acknowledge. More importantly, within the voluminous Vedic scriptures are repeated references to vimanas, or flying craft, as well as the usage of what appear to be devastating nuclear weapons. Indeed, some of the Vedic descriptions of the vimana so perfectly match our modern concept of an airplane that scholars invariably use this word when translating them into English.

To elaborate a bit further on this point, we will cite a quotation from Dr. Richard L. Thompson's book *Alien Identities*. Thompson is a Cornell graduate whose Ph.D. is in mathematics, and who also has a deep interest in Vedic studies and UFOlogy. His book actually stands fast as one of the few genuine breakthrough texts in UFOlogy today, where an author made significant new discoveries instead of simply rehashing second-hand accounts of events such as the purported crash at Roswell. And so, from Chapter 7, pgs. 260-261, we read the following, with underlines and comments that we inserted:

[The ancient author] Bhoja's [text, called] *Samarangana-sutradhara*, states that the main material of a flying machine [or vimana's] body is light wood, or laghu-daru. The craft has the *shape of a large bird with a wing on each side*. The motive force is provided by a fire-chamber with mercury placed over a

flame. The power generated by the heated mercury, helped by the flapping of the wings by a rider inside, causes the machine to fly through the air. Since the craft was equipped with an engine, we can speculate that the flapping of the wings was intended to control the direction of flight rather than provide the motive power...

[Note: The idea of the "flapping of the wings" could simply be an error in translation by successive Vedic authors, initially referring to the pilot's utilization of the ailerons and stabilizers to steer the plane as it flew.]

I would suggest that the vimanas described by Bhoja are much more similar to conventional airplanes than to UFOs. Thus they are made of ordinary materials like wood, they have wings, and they fly like birds...

However these vimanas were actually powered, it seems likely that they relied on some conventional mechanical method that extracted energy from burning fuel and used it to produce a flow of air over wings. We can contrast this with the flight characteristics of UFOs which don't have wings, jets or propellers, and seem to fly in a manner that contradicts known physical principles.

The Vedic description of a possible nuclear blast, culled directly from page 677 of the transcription of the ancient *Drona Parva* text itself, is enough to give us chills even now. Despite its horrific contents, we have inserted it here to remind ourselves of what we have done to each other in our own past:

The valiant Adwatthaman, then staying resolutely on his (vimana) touched water and invoked the Agneya weapon, incapable of being resisted by the very Gods. Aiming at all his visible and invisible foes, the preceptor's son, that Slayer of hostile heroes, inspired with mantras a blazing shaft of the effulgence of a smokeless fire and let it off on all sides, filled with rage. Dense showers of arrows then issued from it in the welkin. Endued with fiery flames those arrows encompassed Parthie on all sides. Meteors flashed down from the firmament. A thick gloom suddenly shrouded the (Pandava) host. All points of the compass also were enveloped by that darkness... Inauspicious winds began to blow. The Sun himself no longer gave any heat... The very elements seemed to be perturbed... The Universe scorched with heats seemed to be in a fever. The elephants and other creatures of the land scorched by the energy of that weapon, ran in fright, breathing heavily and desirous of protection against that terrible force. The very water being heated, the creatures residing in that element, O Bharata, became exceedingly uneasy and seemed to burn...

Huge elephants burnt by that weapon, fell down on the Earth all around, uttering fierce cries loud as those of the clouds. Other huge elephants, scorched by that fire, ran hither and thither, roared aloud in fear, as if in the midst of a forest conflagration. The steeds, O King, and the cars also burnt by that weapon looked, O Sire, like the tops of trees burnt in a forest fire.

Indeed, if this is not a terrifying description of the usage of a nuclear device in anger, then how do we explain all the connections that are so easily seen? Is it for this reason that Robert Oppenheimer, one of the fathers of the nuclear bomb, was quoted as saying upon the first test of a modern prototype, loosely paraphrased, "*This is not the first time that mankind has exploded a nuclear*

device?"

VISITORS FROM SPACE

So, throughout the course of researching this subject, we will see that there is overwhelming tangible evidence, including written texts and an eight-mile square city of pyramids, roads and buildings on the sea floor of western Cuba, supporting the existence of a lost advanced civilization. It is important for us to remember that the descriptions of this civilization are only *tangentially* similar to our own - and most of the similarities have to do with technology. According to many, many different sources, including the Vedic scriptures, the Atlantean culture was far more *spiritually centered* than our current culture could ever possibly be. They simply shared an entirely different perspective on reality, one wherein some important fundamental truths of the Universe were far more understood, and explained in ways that are unfamiliar to most of us upon first glance. Schwaller de Lubicz's works go into extensive detail about this completely separate paradigm espoused by the Ancients - and as we progress further, we will have quotes from a scholar named Manly Palmer Hall who will help us to understand that *symbolism* is a very significant portion of this spiritual paradigm.

Furthermore, as we already stated there are ample historical texts and data from all over the world that support the idea that the Atlantean civilization was routinely visited by and in cooperation with *extraterrestrial intelligence*. Joseph Campbell, writing under the pen name "Ernest Scott," i.e. the "*Earnest Scotsman*," referred to this intelligence as the "*Hidden Directorate*" in his book *The People of the Secret*. Past civilizations such as Atlantis apparently established an advanced rapport with these visitors. The scholarly work entitled *Gods and Spacemen of the Ancient East* by W. Raymond Drake provides a truly worldwide cultural perspective on cooperative *human – extraterrestrial interaction* in ancient history. The historical accounts that Drake invokes come from such diverse civilizations as India, Sumer, Tibet, China, Japan, Egypt, Israel and Babylon – and the book significantly repairs the damage done by the likes of Erich Von Daniken, who apparently falsified a great deal of data to come up with his conclusions regarding such interactions in books like the 1970's best-seller *Chariots of the Gods*.

To help us support our continuing argument for an advanced civilization that cooperated with extraterrestrials / higher dimensional beings in the remote past, we again bring in evidence from India cited in Dr. Thompson's book, page 216-217. Here, he discusses the various "powers" known as siddhis that cosmic or extraterrestrial beings visiting earth at the time, [which he calls "*Vedic humanoids*,"] frequently discussed in the Vedas, had readily available to them. These siddhis were *also said to be available to certain illuminated human masters as well*:

- Mental communication and thought-reading. These are standard among Vedic humanoids, but normal speech through sound is also generally used.
- Being able to see or hear at a great distance.
- Laghima-siddhi: levitation or antigravity. There is also a power of creating tremendous weight.
- Anima- and mahima-siddhis: the power to change the size of objects or living bodies without disrupting their structure.
- Prapti-siddhi: the power to move objects from one place to another, apparently without crossing the intervening space. This power is connected

- with the ability to travel into parallel, higher-dimensional realms.
- The ability to move objects directly through the ether, without being impeded by gross physical obstacles. This type of travel is called vihayasa. There is also a type of travel called mano-java, in which the body is directly transferred to a distant point by the action of the mind.
 - Vasita-siddhi: the power of long-distance hypnotic control. Vedic accounts point out that this power can be used to control people's thoughts from a distance.
 - Antardhana, or invisibility.
 - The ability to assume different forms or to generate illusory body forms.
 - The power of entering within another person's body and controlling it. This is done using the subtle body (defined below.)

[Author's Note: The definition of the subtle body is referred to in common parapsychological literature as the astral body or soul body, and apparently these ancient societies had a much firmer recognition of its existence and of the ability to transfer one's normal waking consciousness fully into it. Modern-day explorers of this art refer to it as having an OBE, or *out-of-body experience*. The literature on NDE's, or Near-Death Experiences, seems to have a close parallel as well.]

Although many "academics" would automatically throw out these ideas as being far too mind-bending to be real, there are repeated examples of many of these "siddhis" appearing in ordinary people in our modern age. Michael Talbot's incredible book *The Holographic Universe* covers these types of phenomena in great detail, and such data will also be discussed in volumes II and III of this series. In Dr. Thompson's book, a far-reaching series of correlations are made between these phenomena as expressed in the Vedas and the many various UFO reports that have come about in this wide-ranging field. Simply put, we can see that a society that could command abilities like those listed above would be truly extraordinary, and would obviously be viewing life from a much different perspective than that which we now have.

Returning to our immediate discussion regarding extraterrestrials, Dr. Thompson reveals the Vedic perspective on the nature and abundance of extraterrestrial life on the page before the above list is given:

The Puranas speak of *400,000 humanlike races of beings living on various planets* and of 8,000,000 other life forms, including plants and lower animals. Out of the 400,000 humanlike forms, *human beings as we know them are said to be among the least powerful*. This, of course, ties in with the picture that emerges from accounts of UFO encounters. [emphasis added]

Clearly, our current society does not have open contact with our alleged visitors. In a society that did have such contact, their view of the Universe would indeed be very different than ours – especially with the knowledge that humankind was "among the least powerful" of the other races of beings that it was aware of. There was a time, apparently, where we knew how plentiful life was in the galaxy and had contact with it, but that time has been lost. And even though they were still in the kindergarten version of universal evolution, at that time the Rama / Atlantean civilization possessed inner qualities and outer technology that are only just now becoming tangible for us once again.

It is important that we note that although some vimana appear to have been

airplanes, there were other designs in use that apparently go far beyond any technology that we now openly possess. The most important Vedic text on the vimana, says Childress in *Vimana Aircraft of Ancient India and Atlantis*, is the Vaimanika Sastra, first reported to have been found in 1918 in the Baroda Royal Sanskrit Library. Previous references were made to this text by other authors, but it was not rediscovered until 1918 - a flutter of time after 1901, when the Wright Brothers made the entire question of the existence of vimana aircraft much more plausible to modern humanity. (Remember that right up until the day the Wright Brothers flew, notable skeptics such as Sir William Thomson boldly declared that "heavier-than-air flight" was impossible.) Although some have questioned the authenticity of the Vaimanika Sastra, Childress details the many qualities of the text that lend serious credibility to it. As we read the following, remember that a translator's job is to take these ancient words and to then match them up with their closest approximation in our own modern language:

Says the Vaimanika Sastra about itself: In this book are described 8 pregnant and captivating chapters, the arts of manufacturing various types of aeroplanes of smooth and comfortable travel in the sky, as a unifying force for the Universe, contributive to the well-being of mankind.

That which can go by its own force, like a bird, on earth, or water, or air, is called Vimana.

That which can travel in the sky, from place to place, land to land, or globe to globe, is called Vimana by scientists in Aeronautics. The ancient manuscript claims to give:

- The secrets of constructing aeroplanes, which will not break, which cannot be cut, will not catch fire, and cannot be destroyed.
- The secret of making planes motionless.
- The secret of making planes invisible.
- The secret of hearing conversations and other sounds in enemy places.
- The secret of retrieving photographs of the interior of enemy planes
- The secret of ascertaining the direction of enemy planes approach.
- The secret of making persons in enemy planes lose consciousness.
- The secret of destroying enemy planes.

Unfortunately, due to size constraints we cannot give Dr. Thompson, David Hatcher Childress, Raymond Drake and others' material anywhere near the degree of coverage that it really needs in order to completely prove the point – but the evidence is out there. The reason for why Thompson's *Alien Identities* is considered such a breakthrough book is that it presents exhaustive, groundbreaking documentation from both the Vedic scriptures as well as modern UFO literature, and shows a highly significant number of coincidences between the two bodies of data, both on material and spiritual levels. While the *vimanas* referred to in the Vedic scriptures are clearly some form of airplane, there are repetitive examples of flying craft and humanoid beings that are definitely far, far more advanced and unlike those of contemporary or ancient humans, and sources such as Dr. Thompson's book cover this in great detail.

SUMERIAN KNOWLEDGE: ANOTHER MISSING LINK

The encyclopedic work of Zecharia Sitchin, including *Genesis Revisited* and

especially in his series entitled *The Earth Chronicles*, also focuses on this cooperation between humankind and extraterrestrial life that once existed. Dr. Sitchin claims to be one of only about 200 people in the world who can fully read and translate the ancient Sumerian cuneiform tablets. By simply accepting that the information and historical accounts may well be true, documented facts, without falling back on the standard belief that they are simply myths, Sitchin has made some very surprising discoveries. His work is so solid that no skeptics have ever made any serious attempts to disassemble it. Therefore, Sitchin is simply ignored, as his scholarship is so complex, integrated and far-reaching that no one has been willing to try to mount a full attack.

Once again, in Sitchin's books we see written evidence of super-advanced flying technology (as well as more mundane forms such as rockets,) extraterrestrial humanoids, lasers and weaponry, as well as a veritable cornucopia of advanced knowledge, including rigorously accurate and detailed descriptions of our Solar System. Within these ancient texts are diagrams and properties of all the planets that we have currently discovered as well as a large "twelfth planet" named Nibiru. The existence of that very planet is just now being formally (and quietly) acknowledged by the mainstream scientific community as of October 1999. The modern case for a distant planet that recent NASA scientists have presented comes from the mysterious, visible perturbations in the orbits of distant comets originating from the far recesses of our solar system, which suggest that there must be a potentially Jupiter-sized planet beyond the orbit of Pluto whose gravity is affecting them. Nevertheless, there is no real evidence that this planet is going to pass by the Earth in May 2003, as many still believe at the time of this updated edition in October 2002.

Based on the intensely technical descriptions that come to us from the Sumerian cuneiform tablets, some of which we will explore in mathematical detail in future chapters, we must wonder if they were at least partially derived from verbally-preserved Atlantean records. This could explain the basis behind the epic "Saga of Gilgamesh," which details the story of a small group of people led by a man named Gilgamesh who survived an ancient flood - i.e. the demise of Atlantis. In *The Earth Chronicles*, Sitchin makes a solid case for the Biblical story of Noah and the Ark being a condensed and simplified version of this tale, where the character Gilgamesh was renamed Noah and many other important details were omitted.

OANNES: FIRST CONTACT

The existence of Atlantean flood-survivors such as Gilgamesh also helps to reveal the identity of the illustrious "men from the sea" such as the Sumerian / Babylonian sea-king Oannes who were described in many ancient cultures worldwide as coming and civilizing various peoples so quickly. The most prevalent idea behind the Oannes story is that he was simply the first of these Atlantean survivors who appeared before the public and dressed up in, believe it or not, *fish suits* to add a mythical, magical presence to their identity for the then-uncivilized, superstitious masses. Were the air and sea-worthy vimana still in partial existence at this time, Oannes could have simply parked their craft under the sea, venturing out of it by day and back to it at night. Here we cite a quote from Alexander Polyhistor in Raymond Drake's book about this. ("Berossus" was a Sumerian / Chaldean author responsible for

recording the original account of this information.)

Berosus describes an animal endowed with reason, who was called Oannes; the whole body of the animal was like that of a fish, and had under a fish's head another (regular human) head, and also feet below, similar to those of a man, subjoined to the fish's tail. His voice too and language was articulate and human, and a representation of him is preserved even to this day. This Being in the day-time used to converse with Man, but took no food at that season; and he gave them an insight into letters and sciences and every kind of art. He taught them to construct houses, to found temples, to compile laws, and *explained to them the principles of geometrical knowledge*. He made them distinguish the seeds of the earth and showed them how to collect fruits; in short, he instructed them in everything which could tend to soften manners and humanize mankind. From that time so universal were his instructions, nothing has been added material by way of improvement. When the sun set, it was the custom of this Being to plunge again into the sea and abide all night in the deep, for he was amphibious. After this there appeared other animals like Oannes. [emphasis added]

As we can see, the single most remarkable aspect of the story of the Sumerian culture is how beings like Oannes led them so incredibly quickly from nomadic hunting and gathering" to an advanced society with running water, schools, codified law, government, domestication of animals and cultivation of crops for food and herbal healing remedies, as well as mathematics and geometry, house building and the like. Obviously those of a higher civilization could come into a primitive culture and effect changes very quickly, just as we in the West have done throughout *our* entire world.

THE MYSTERIES

According to many, many sources from diversified fields, the survivors of Atlantis preserved their corpus of knowledge, albeit in a scattered form, as most of them left the sinking continent in great haste and with little to spare – hence the ancient story of Noah's Ark. The only historical account of Atlantis that ever made its way into the public was from the Greek philosopher Plato, and modern researchers still draw off of his writings when investigating the subject. It is often written that Plato caused a serious upset in the Egyptian priesthood by publishing this data, as it was intended to remain strictly concealed from the public. According to Plato's account, Atlantis disappeared in a sudden cataclysm that caused it to sink beneath the sea. There were a precious few who became aware that this was going to happen before it actually did, and they were able to evacuate the island continent before the event itself occurred. They migrated to different areas throughout Europe, Africa and Asia as well as the Americas, most notably within the Mesoamerican region of the Yucatan.

According to the legends as preserved by Plato and others in secret, the majority of the entire world was not civilized during the time of Atlantis, but existed in a primitive / tribal state. The secluded island of Atlantis itself, surrounded by the Atlantic Ocean on all sides, was far more advanced than many of the indigenous cultures that were already in existence in other parts of the world. At that time, not everyone was at the same level of development by any means, and the legends say that Atlantis had just begun a large-scale colonization / civilization program for the outside world when they collapsed.

The Atlantean cataclysm completely submerged all the remnants of their once great island, and in many cases the survivors of this disaster found themselves thrust into situations with primitive peoples who could barely even begin to fathom the civilization that they had come from. And in some of these cases, if they were to begin openly speaking about their knowledge, they would have been killed very quickly out of fear. Therefore, it appears that the majority of survivors from Atlantis had to pass down their traditional knowledge in conditions of the *utmost secrecy*, knowing that their conflicting religious and scientific beliefs could quickly turn them into dinner for a tribe of wandering cannibals if they weren't careful.

The overarching term that was given for the secret knowledge from the lost civilization of Atlantis, (other than "The Tradition,") was "*The Mysteries*." In most cases, the secrecy of the Mysteries was kept so tightly that rigorous initiations were demanded of anyone who either chose or was invited to participate. And furthermore, to insure their own survival the inheritors of the Atlantean legacy would often *punish those who betrayed the secrets with death*. In order to be entrusted with the secrets, you had to swear an oath that you gave permission to be killed if you ever revealed the knowledge to those who were "uninitiated." They believed that it was better to sacrifice one traitor than to lose everyone in an ambush soon afterwards – and this was a very real possibility at that time. One can certainly imagine that many bands of survivors who did not either keep strict secrecy or were not as careful or dramatic as the Babylonian Oannes or the Mesoamerican Viracocha were simply wiped out, and that perhaps this common link among recognized historical figures of the Mysteries was the very thing that had preserved their knowledge through time.

According to numerous sources of evidence, especially "*Secret Teachings of All Ages*" by Manly Palmer Hall," the knowledge of the Mysteries was almost totally wiped out more than once due to these oppressive conditions in uncivilized lands. Yet, the underlying power of the information was so strong that great men would always come along and completely reintegrate all of the fragmented pieces. This happened in Greece with Thales, Pythagoras and Plato touring the African / Eurasian continents and compiling lost ancient data, and much more recently it was done again by Francis Bacon, a highly-educated royal contemporary of the Elizabethan era who had access to ancient records in the Vatican and elsewhere. Bacon's efforts to resuscitate the Mysteries were what directly fathered the modern-day Masonic Order, and he and Pythagoras are said by Manly Hall (discussed below) to be the single two most important figures in Masonry today.

The Masonic Order is often lambasted by modern 'conspiracy theorists' as an easy target due to its vows of secrecy and demonstrable worldwide power in our modern civilization. There is strong first-hand evidence from "cult survivors" that a negatively oriented group known as the "Illuminati" has penetrated through certain aspects of the Masonic Order, though this does not necessarily impugn most average Masons. This will be discussed in more detail towards the end of this volume. As just one of hundreds of examples, almost every person who signed the Declaration of Independence was a Mason, as well as a high number of astronauts and US Presidents. (Haven't you ever wondered why there is a pyramid on the back of the dollar bill with the "All-Seeing Eye" on the top? Or why the Washington Monument is a

perfect Egyptian obelisk?) Many authors have gone far out of their way to demonstrate that the majority of high-level corporate executives, military officials and top government politicians all have connections to Masonry, and updated lists of these people (which may or may not be entirely accurate) are easily found through searching the Internet.

Only those who had penetrated through the highest “degrees” of Freemasonry had any idea about what the Mysteries really were. The lower degrees, especially the first three “Blue Degrees,” were designed to foster a large body of loyal and unified members for the group, thus enhancing Masonic power and influence without compromising any real knowledge or secrets. Those who would receive the deepest knowledge could be carefully observed over a long period of time, and handpicked slowly and carefully through higher degrees in a very controlled fashion. Any sign of lack of integrity, doubt or distrust on behalf of the initiate would permanently freeze his progress, insuring that he would never advance any further. (And yes, only men can join the Freemasons. The corresponding, much less popular women's group is called Eastern Star.)

And so, even if certain “Illuminati” elements that have penetrated the top levels of the modern Masonic Order have become quite confused and power-hungry, the original secret information from Atlantis is very important to us. It does not appear that the ancient information was biased towards the negative side of spirituality, though the “Illuminati” may have now co-opted it as such. Many researchers agree that the books of Manly Palmer Hall, a 33rd-degree Masonic initiate, (the highest publicly acknowledged degree,) are the ultimate source available for learning about the *real* secrets that are preserved by these modern inheritors of the Mysteries. The book, *The Secret Teachings of All Ages*, is inarguably Hall's finest accomplishment – written as a literal encyclopedia of all the great truths that he or any other members of these societies were willing to openly reveal. And within that subset, Hall has quite a lot to say. Once all the other pieces are in place, we will see that Hall's information is far more than adequate for recombining the true picture of the Atlantean Mysteries.

Hall's book begins, paradoxically enough, with an enormous and perhaps even boring discussion of *philosophers*, from Greek to Roman right up through the present, going into great detail about their widely contradictory ideas. In this discussion, we can clearly see how the unified knowledge of the Mysteries had already become widely dispersed, and everyone had their own theories based on what little they knew – and yet underneath it all, a common thread could be perceived. Certain philosophers such as Pythagoras actively sought to eliminate this problem by traveling far and wide to collect this scattered secret information from other areas. By the end of that chapter, the reader is practically exhausted with the huge body of philosophical information that was presented, and at this point Hall comes clean with the hidden Masonic knowledge that he is in contact with, regarding the true secret origin of all philosophy. In this excerpt, he also touches upon the all-important concept of symbolism being used to convey information and hide truth from the uninitiated:

The magnificent institutions of Hindu, Chaldean (Sumerian), and Egyptian learning must be recognized as the actual source of Greek wisdom. The last was patterned after the shadow cast by the sanctuaries of Ellora, Ur, and

Memphis upon the thought substance of a primitive people. Thales, Pythagoras, and Plato in their philosophic wanderings contacted many distant cults and brought back the lore of Egypt and the inscrutable Orient.

From indisputable facts such as these it is evident that philosophy emerged from the religious Mysteries of antiquity, not being separated from religion until after the decay of the Mysteries. He who would fathom the depths of philosophic thought must familiarize himself with the teachings of those initiated priests designated as the first custodians of divine revelation. *The Mysteries claimed to be the guardians of a transcendental knowledge so profound as to be incomprehensible save to the most exalted intellect and so potent as to be revealed with safety only to those in whom personal ambition was dead and who had consecrated their lives to the unselfish service of humanity.* Both the dignity of these sacred institutions and the validity of their claim to possession of Universal Wisdom are attested by the most illustrious philosophers of antiquity, who were themselves initiated into the profundities of the secret doctrine and who bore witness to its efficacy.

The question may legitimately be propounded: If these ancient mystical institutions were of such "great pith and moment," why is so little information now available concerning them and the arcana they claimed to possess? The answer is simple enough: The Mysteries were secret societies, binding their initiates to inviolable secrecy, and avenging with death the betrayal of their sacred trusts. Although these schools were the true inspiration of the various doctrines promulgated by the ancient philosophers, the fountainhead of those doctrines was never revealed to the profane. Furthermore, in the lapse of time the teachings came so inextricably linked with the names of disseminators that the actual but recondite source - the Mysteries - came to be wholly ignored. [emphasis added]

And as we continue further along in Hall's book, we come upon the chapter "Atlantis and the Gods of Antiquity," where the core idea of humanity's hidden Atlantean past is expounded upon further:

"The history of Atlantis," writes Ignatius Donnelly, "is the key of the Greek mythology. There can be no question that these gods of Greece were human beings. The tendency to attach divine attributes to great earthly rulers is one deeply implanted in human nature. (*See Atlantis.*)

...The Garden of Eden from which humanity was driven by a flaming sword is perhaps an allusion to the earthly paradise supposedly located west of the Pillars of Hercules and destroyed by volcanic cataclysms. The Deluge legend may be traced also to the Atlantean inundation, during which a "world" was destroyed by water.

Was the religious, philosophic, and scientific knowledge possessed by the priestcrafts of antiquity secured from Atlantis, whose submergence obliterated every vestige of its part in the drama of world progress? Atlantean sun worship has been perpetuated in the ritualism and ceremonialism of both Christianity and pagandom. Both the cross and the serpent were Atlantean emblems of divine wisdom...

The mythologies of many nations contain accounts of gods who "came out of the sea." Certain shamans among the American Indians tell of holy men

dressed in birds' feathers and wampum who rose out of the blue waters and instructed them in the arts and crafts. Among the legends of the Chaledans (Sumerians) is that of Oannes, a partly amphibious creature who came out of the sea and taught the savage peoples along the shore to read and write, till the soil, cultivate herbs for healing, study the stars, establish rational forms of government, and become conversant with the sacred Mysteries. Among the Mayas, Quetzalcoatl, the Savior-God (whom some Christians believe to have been St. Thomas), issued from the waters and, after instructing the people in the essentials of civilization, rode out to sea on a magic raft of serpents to escape the wrath of the fierce god of the Fiery Mirror, Tezcatlipoca.

[Note: Again, with references to a "magic raft" and a "Fiery Mirror" we can see a clear connection to the more magnificent versions of the vimana that we had discussed above.]

May it not have been that these demigods of a fabulous age who, Esdras-like, came out of the sea were Atlantean priests? All that primitive man remembered of the Atlanteans was the glory of their golden ornaments, the transcendancy of their wisdom, and the sanctity of their symbols - the cross and the serpent. That they came in ships was soon forgotten, for untutored minds considered even boats as supernatural. Wherever the Atlanteans proselyted they erected pyramids and temples patterned after the great sanctuary in the [Atlantean] City of the Golden Gates. Such is the origin of the pyramids of Egypt, Mexico, and Central America. The mounds in Normandy and Britain, as well as those of the American Indians, are remnants of a similar culture. In the midst of the Atlantean program of world colonization and conversion, the cataclysms which sank Atlantis began. The Initiate-Priests of the Sacred Feather who promised to come back to their missionary settlements never returned; and after the lapse of centuries tradition preserved only a fantastic account of gods who came from a place where the sea now is...

From the Atlanteans the world has received not only the heritage of arts and crafts, philosophies and sciences, ethics and religions, but also the heritage of hate, strife, and perversion. The Atlanteans instigated the first war; and it has been said that all subsequent wars were fought in a fruitless effort to justify the first one and right the wrong which it caused. Before Atlantis sank, its spiritually illumined Initiates, who realized that their land was doomed because it had departed from the Path of Light, withdrew from the ill-fated continent. Carrying with them the sacred and secret doctrine, these Atlanteans established themselves in Egypt, where they became its first "divine" rulers. Nearly all the great cosmologic myths forming the foundation of the various sacred books of the world are based upon the Atlantean Mystery rituals.

Without going into further long quotations here, Hall later makes the important point that the language of *symbolism* was used to hide the Atlantean knowledge, both scientific and spiritual. In this way, there could be a physical structure, such as a pyramid or building, which was built according to certain "sacred" proportions. Once someone had a basic understanding of the physics that we will be discussing in this book, these symbolically encoded mysteries can again be revealed. Mythological teachings, repeated generation after generation, were also used to hide very advanced information; and we will have more to say about this as we progress. Certain sculptures or illustrations were also used, with their true meanings hidden in myth. Hindu dances and

mandalas incorporated "sacred geometry" into their patterns as well. The Yin-Yang symbol of the ancient Orient is also of particular significance, as is the staff with two coiled serpents surrounding it, now used as the symbol for medicine.

THE TEACHINGS OF 'RA'

So, if the above information is accurate, we are dealing with an ancient advanced civilization that cooperated with far more evolved extraterrestrial and / or interdimensional beings, and which passed down their traditions in secret after the bulk of their civilization had collapsed, as well as "hiding them out in the open" through cloaked symbolic meanings, in many cases written right into the structure of buildings and sacred temples. We should remember that at this time in the world, most of the other cultures had not attained the sophistication of Atlantis, and thus had no clear historical record of their existence as they had been left alone. Thus, it was easy for Atlantis to be forgotten.

Throughout this series, we will see incontrovertible evidence of highly advanced ancient scientific knowledge, which suggests that the Atlanteans had a full awareness of the system of cosmology and physics that we will be discussing. It is interesting to point out that the Law of One series, which we consider to be perhaps the most reputable channeled material available, paints the exact same picture. "Ra" claims to have been in contact with the ancient Atlanteans and shared knowledge quite directly with them, including the gift of technical assistance in rendering the magnificent architectural marvels of the Great Pyramid.

We do know that the Egyptian inheritors of the Atlantean legacy worshipped a "god" known as Ra, and this account appears to be a time-distorted record of what started as a genuine contact, not simply another feeble-minded myth. The timelines that Ra gave for their contact with the Atlanteans (from approximately 18,000 to 11,000 years ago) fit very nicely with the time of the alignment that Bauval discovered at the Giza complex, (11,500 years ago,) and also fit with the timeline given by the Edgar Cayce Readings for the construction of the Great Pyramid (11,500 to 11,450 years ago.) This convergence of dates is but one of many layers of validation. Carla Rueckert, MLS, who brought through the information, has said that she was unaware of this convergence of Ra's data with the Cayce Readings until she was informed at the end of 2001.

For thousands of years after the fall of Atlantis, many efforts have been made to re-integrate the lost sacred teachings, but it still doesn't appear that there has ever been a truly complete model of the actual physics they were using available to the public... until now. As Manly P. Hall asserts, most of this knowledge was hidden in symbolic forms, which can be open to multiple interpretations. Therefore, the story gets more interesting once we realize that *the original source of all the Atlanteans' technical information was able to share their knowledge with humanity again in the early 1980s, without the use of symbolic, encrypted language, and completely outside of the mysterious cloaks of government conspiracy and secret societies. A tremendous amount of this information was later validated with ensuing scientific discoveries that were completely unknown at the time, so the "burden of proof" is extremely well satisfied, as we shall see. No other channeled source we have ever found*

has gone quite so far, with so much scientific validation, as the Law of One, so it is in a category all its own.

Indeed, we freely admit that the Law of One material ultimately inspired this entire series, as Ra gave many specific pieces of information that could subsequently be verified with scientific findings that would come out in ensuing years. Without starting with the answers, we probably would not have known what questions to look for, and thereby discover the underlying proof. You don't really need to accept the channeling if it simply leads you to an understanding of the hard science, but for those who are interested we will cover some of Ra's non-provable spiritual philosophies as well. We have been able to continue to work and communicate with Ra to fill in the remaining pieces of their scientific model, predominantly through dream research that augments extensive physical research. The personal side of this is largely outside the scope of this series, but rest assured that we have had many, many cases of accurate future prophecies and other methods of direct validation, including as we said the physical appearance of Ra before others, including counseling clients and the author's own brother.

So in short, there are two ways to go about writing this book. One way would be to painstakingly attempt to reconstruct the science of the Ancients solely from the scattered bits and pieces of the past, cloaked in symbolism, such those pieces found as in Manly Palmer Hall's book, which come from knowledge bases that Ra says were "quickly distorted" by the priesthoods of the day. Another way to write the book is to simply present the reader with some of Ra's basic assertions about the Universe, summarized with our scientific conclusions that will be established throughout the series, and then leave it to each person as to whether they will accept or reject the material. This second choice is what we have decided to go with in this final version of the book, since it is good to have documentation of Ra's basic model of the Cosmos somewhere in the series.

THE 'AETHER'

So, the most important aspect of Atlantean knowledge that we need to start with is the idea that the Universe is composed of *energy*. The Greeks referred to this energy as "aether," which is their word for "*shine*," indicating that it has qualities similar to light. In the ancient model, this energy is both within physical matter and *outside* of it at the same time. Our current science has discarded this idea as a ridiculous, archaic relic of the past, but it was a very active part of all Greek philosophy. And if Hall's assertions are correct, then the reason why the Greeks have preserved knowledge of this "aether" is because they inherited it from the Atlantean civilization, which appears to have originally acquired it from the Ra group.

Our conceptions of the aether, and of how it interacts with physical matter, have grown by leaps and bounds since the time that this first volume was originally written – and thus much of the information that we originally presented in this chapter is now no longer needed. Later volumes will go into the technical detail that will satisfy those who would like to have it. Suffice it to say that in Volume III we will show that almost all of our information about quantum physics – that which builds up all that we see in the Universe on the smallest level – is flawed, including the idea that there are any real "particles" in the atom. Among other things, we will show certain cases where atoms are

forming into substances where they lose any sense of an individual "particle" identity, but rather fuse into a single conglomerate form. Such substances include microclusters and quasi-crystals, both of which have extremely obvious geometric qualities, and Bose-Einstein condensates.

To summarize the model as simply as possible, we can list some of the initial basic characteristics of this newly rediscovered energy field, which we will most consistently refer to as "aether," and how it structures the Cosmos. You'll definitely not want to blaze through this list, but spend a little time meditating on each point if you want to understand everything else as the series goes on. We admit that this list might "hurt your brain" at first as you try to reorganize your mind to fit the new information in. As we go, all of these points will be nicely rounded out, so don't feel obligated to completely understand all of this now – just be aware of it. Also know that our assertion is that *everything you are about to read was well-known in the time of Atlantis*:

- What we have is a fluidlike energy source, which is technically known as an energy *medium* or *substrate*, (remember the word "medium,") and which exists everywhere throughout the known universe. This energy medium is normally unseen to us just as we do not see the air that we breathe, and could be thought of as the "body" of the One Infinite Creator.
- It exists at an extremely high pressure, much more than that of the surface air pressure on Earth. Yet, we move through it quite easily, since we are also made of the same "stuff."
- At the tiniest level, the energy is created by what Dr. Vladimir Ginzburg (vol. III) calls "field bubbles" – tiny spheres of energy that roll and flow around each other, thus imparting a liquid-like behavior to the medium.
- Mainstream scientists have quietly rediscovered this energy medium, and it is variously called the Virtual Particle Flux, the Zero-Point Energy Field, the Quantum Physical Vacuum, the Quantum Foam, "Superstrings," "Dark Matter" and "Dark Energy," among other things. They are becoming aware that it must be responsible for the creation of matter.
- For all practical purposes, the energy itself is conscious, and therefore unifies all the Universe as one conscious lifeform – an Ultimate Being. Any time the energy gathers together in an organized pattern, you have some form of intelligent life. This includes stars, planets and galaxies, as well as cells, microclusters, molecules and atoms.
- Many, many alternative science researchers have observed this energy in the laboratory, including its at-times bizarre properties of consciousness, and given it their own unique name, such as Dr. Wilhelm Reich's "Orgone energy." (A predominant amount of this research was done in secret throughout the former Soviet Union, and has only recently been declassified and posted in English on the Internet since the "fall of the Iron Curtain" in 1990-91. We appear to have performed the most complete compilation of this material within a single book (Volume III) in the Western world.)
- Various spiritual teachers have called it "spiritual energy," "loving energy," "healing energy," "the Holy Spirit," et cetera. All are discussing the same energy field. They are often very aware of how consciousness directs this energy, especially when love is the major motivating factor. Miraculous healings have resulted from this ability.
- The human being does have an egg-shaped "energy body" that is composed of this medium, which many trained seers can both see and heal, and disease conditions will appear in this body first before they become physical. This is one of the deeper secrets that are well known in the Atlantean Mysteries.

- You can expose a person to higher doses of this energy by certain *technological* means, and they will experience many signs of spiritual, mental and physical enhancement. As documented in Volume III, many top-level Russian researchers have dramatically proven this – and we have replicated their experiments with a safe, special machine called an “axion field generator” and / or “*dynamic torsion generator*” known as the Comfort 7-L model, produced by Dr. Alexander Shpilman. You can get similar but weaker effects by building a pyramid, or a “*passive torsion generator*,” as we will discuss in the next chapter and more thoroughly in Volume III.
- Plants will have dramatic, robust growth enhancements in the presence of these energy fields, which also destroy viruses, bacteria, cancer cells and related organisms that are dangerous to higher forms of life, dramatically increasing the chances of survival in a diseased organism. Since the energy is intelligent, it will automatically “do” what needs to be done for body/mind/spirit healing when a person is exposed to it, even though such a marvelous notion is vastly disagreeable to most medical / scientific thinkers.
- The ancient traditions mentioned this energy secretly and symbolically by calling it “water,” or “the water of life,” among other things.
- There are two major kinds of waves in the aether – *electro/magnetic fields and gravitational / torsion fields*. We will describe their differences in Volume III, with emphasis on the torsion fields, as they are largely unknown to Western science.
- This energy can be directly harnessed to produce technologies such as limitless free energy, anti-gravity and even teleportation, as we will cover in volumes II and III.
- All moving (*propagating / dynamic*) waves in this energy medium travel in spirals of various sizes, from very tiny to very large (*and we will explain why.*) Many ancient teachings used the symbol of the spiraling serpent to represent “universal wisdom” – another symbolic encoding of this scientific knowledge – hence the man Jesus once said, “*Be ye wise as serpents and gentle as doves.*”
- Light is simply one major type of movement of this energy – hence the aether can be thought of as “liquid light,” or as the author of Genesis said, “*In the beginning... the spirit of God moved upon the face of the waters. And God said “Let there be light,” and there was light...*” [Gen. 1:1-3]
- There are seven major “densities” or thickness levels of this fluidlike energy medium throughout the Universe, often referred to in esoteric traditions as the “seven heavens.” *These different densities are formed solely by the amount of vibration that is occurring within the aether in a certain area.*
- As one similar analogy to help you visualize these energy densities, we know that if water molecules vibrate really fast, they become gas, and if they vibrate really slowly, they turn into solid ice. *Vibration* is solely what causes these phase changes, nothing else. The aether behaves in a nearly identical fashion to this, though it is not a “physical” substance in the normal sense.
- We cannot visually see any of the density levels in the Universe above the one that we are now at – thus the Universe appears to be entirely “3D physical” to us in our telescopes. However, there are ways to detect these different aether *density* levels in the Cosmos with direct observation of their unique signatures in the microwave spectrum, as will be discussed in Volume III with the work of Arp, Tifft and Aspden.
- In mystical states of consciousness the higher density levels can be directly perceived visually, and learning to “see” is a very basic aspect of ancient

esoteric training.

- Within the seven main energy density levels are seven *sub-levels*, and there are seven *sub-sub-levels* within each sub-level, and so on to infinity – much like a hologram or fractal, as we will later discover. (This is similar to how you could have a swamp where you could measure *infinitely different* grades of thickness throughout it with fine enough instruments, but which you could resolve into seven *main* categories ranging from swamp gas to fully “wet” super-free-flowing liquid to fully solid mass – like peat moss.)
- Even though there are many fine gradations of energy levels, all resolve into seven major densities, which Ra calls the “true color” densities. This follows the same basic “harmonic” rules that form the structures of music.
- *Vibration* of the fluidlike energy source forms these densities. The same basic rules of vibration are also responsible for the 7-fold color spectrum of visible light and the 7-tone octave of the mathematically pure “Diatonic” scale, which we can hear with the white keys of the piano. (More on this below.) Thus, in sound and color, nature reveals its secrets for “those who have eyes to see,” while to the “profane” the secrets remain “inscrutable.” Ancient mystery school teachings delve excessively into studies of sound and color, and this has been used in the formation of cathedrals with colorful stained glass windows and Gregorian Chant music by the Knight Templars, one group that inherited the Mysteries and helped design and build the cathedrals.
- Wherever you are in the Universe, all energy densities exist there to some degree. Nevertheless, most regions will have one density level of energy that predominates over the others. Planets also progress as intelligent beings from density to density, and thus will reside at particular density levels depending on their state of development.
- Size does matter in the Universe. Planets are far more advanced beings than individual lifeforms living on the planets, yet are nevertheless very receptive to their people. Stars are far more advanced than planets, having full consciousness of all the densities. Galaxies are far more advanced than stars, programming the basic conditions for spiritual, mental and even physical evolution throughout all star systems. And the visible Universe is far more advanced than any galaxy, setting up the basic laws and templates that all shall follow, as it is the embodiment of the One Infinite Creator.
- Galaxies, as conscious beings, use the natural laws of vibration to create discretely layered “zones” of energy density / consciousness throughout themselves. From a top-down view, the galaxy is separated into zones or sectors of density, which looks like a pinwheel or a cake cut into many moon-shaped curving pieces, which bloom out from the center like a flower. These zones essentially remain stationary in space while the star systems pass through them.
- As a star system moves through successive zones, the overall density of the aether is seen to steadily rise or fall, depending on the position. These zones have already been detected and measured scientifically – and Dr. Aleskey Dmitriev refers to them as “magnetic strips and striations.” Precise cycles of time, based again on the mathematics of music and vibration, govern how long a planetary system will move through a particular zone. This first volume will cover these cycles extensively, as the Ancients preserved a fantastic degree of knowledge about them, such as in the Sumerian clay tablets.
- The purpose of planetary systems moving through these differing energy density levels is to promote spiritual evolution at a fixed pace. Beings like humans have *free will as to when they will choose to proceed*, with the cycle

end-points from one density to another offering an opportunity to escape the cycles of reincarnation and progress to a higher realm of being – whereas for stars and planets the timelines for progress are relatively fixed.

- The boundary from one zone of density to another in the galactic “pinwheel” formation can be visualized in much the same way that a straight line forms when oil sits on top of water, as this is a perfect analogy of what happens when two different densities of fluid are in contact with each other.
- The solar system is now moving into the next higher level of density in the Galaxy, which is causing the zone around the Earth to go from the third-density that we now inhabit into the fourth-density – essentially creating what could be thought of as a “dimensional shift.”
- We “cross the waterline” from one density into the other somewhere between 2010-2013, corresponding to the end-date of the Mayan Calendar on Dec. 21, 2012. This creates irreversible changes in the basic quality of matter and energy that surrounds us, including the traveling speed of visible light, which sizably increases in our own local area. Remember that right now, we are observing all stars through the lens of the speed that light travels in the third density, and nothing higher. Thus the whole Universe shifts in its appearance to us as we move into a higher level.
- The entire Solar System is showing massive signs of an increasing energetic charge as we move closer and closer to this final moment, as more and more of the higher vibrations and pressures of this energy are “bleeding off” into our own solar system. Every month there are new findings coming out from the scientific community that are unknowingly adding further validation to this model – most recently through the September-October 2002 discovery that Pluto is experiencing “global warming” and large increases in atmospheric pressure, even though it is now moving farther away from the Sun. The scientific priesthood says this is “unrelated” to global warming on Earth, even though other recent articles reported “global warming” on Mars and Venus as well, with other anomalies occurring on the other planets such as increasing brightness, increasing magnetic strength, huge atmospheric changes and even pole shifts on Uranus and Neptune. Pluto was the only planet left that we didn’t already have good, solid evidence for... so now the model is complete.
- On a separate but relevant note, the *DNA structure changes as we move from one density to another*, and we now have a scientific model to explain why. The spiraling “torsion” (*i.e.* “twisting”) energy waves in the aether have the pattern of DNA written into them at the smallest level, as programmed by the intelligence of the Galaxy. These spiraling waves exert subtle but measurable currents of force on physical matter, as we will show in Volume III. As loose elements bounce around, they are increasingly caught up into the currents of these spiraling waves and will automatically arrange together like a jigsaw puzzle, first into amino acids, then eventually into DNA.
- When a given planet passes into a zone of higher energy density, the underlying spiral waves become more complex, and the DNA structures thereby become more highly evolved. One of the discoverers of the DNA molecule has published a remarkable study that suggests that *most of the visible dust in the galaxy has all the same qualities that we would expect from bacteria*, showing this energetic DNA formation in effect throughout the Galaxy.
- Dangerously high amounts of this energy, far more than what is used for healing work, can be sent through one organism and transfer the DNA qualities of that creature to another organism, causing a *physical transformation / mutation*. Dr. Yu. V. Tszyan Kanchzen was able to use this

process to cause a hen to begin mutating into a duck, which included the appearance of webbing between the hen's normally naked toes.

- *Dr. Kanchzen's discovery provides effective proof that the spiraling torsion waves are the true hidden architects of the DNA molecule, and that these templates can be energetically altered within a single lifetime.* Despite ethical objections, these experiments could be repeated relatively easily, if desired.
- *Species evolution, both physically and in terms of consciousness, automatically results when we pass from one level of aetheric density to another. We already have a great historical record that shows when and how this has happened before, where in a remarkably short time the indigenous creatures of Earth disappear and more highly-evolved forms take their place – and that was only what happened as we went through various sub-levels of density; now we're breaking through to another major "true color" level.*
- *As we read in the last chapter, we already are far along in the process of a mass extinction on a level not seen since the time of the dinosaurs, so there is no need to fear some unseen doom – we're already most of the way through this process now. We have assumed that these events are strictly "manmade" causes, but the model suggests otherwise. Every time this has occurred in the past, new and more highly evolved species have emerged very suddenly upon the world stage – and this time will be no different.*

Now that we've delved into our new model of evolution, let's return to some of the behaviors of the aether as they relate to universal consciousness and the formation of 'physical matter'. We will also show some further evidence of how this technical information was hidden in symbolism by those who survived the Atlantean cataclysm. We will also show how neatly the energy fields at different levels of size are organized throughout the Cosmos, according to simple properties of vibration:

- *At the highest levels of density this energy medium acts more like a solid – just as water can be frozen into solid ice. In these levels, energy travels much, much faster than the speed of light – theoretically at an instantaneous speed, thus insuring instantaneous consciousness throughout the Universe, i.e. Oneness – and in Volume III we show how Dr. Nikolai Kozyrev discovered this. Thus, the physics provides for there to be instantaneous consciousness in this "mind of God" that is our Universe, which we naturally expect would have to be present for "God" to exist.*
- *Again, spiraling "vortex" movements like eddying currents in a flowing stream form all physical matter from within this non-physical fluidlike medium. (Not all vortexes are strong enough to create stable matter. "Virtual Particles" have now been discovered, which appear just like normal atomic "particles" but appear and disappear from view constantly.)*
- *Hence, everything that we see in the universe is formed by complex movements of nothing more than pressure and counterpressure, push and pull, within a single medium.*
- *To visualize these basic matter-creating vortexes, we must visualize a sphere with two trumpet / tornado-shaped whirlpools, one pointing down into the center of the sphere from the north pole and another coming up into the center from the south pole, with their hollow tube funnels joining to form a clean, narrow hole through the center of the sphere. The entire sphere flows and curls around itself like a ball of string or a smoke ring. This shape, essentially just a sphere with a "donut hole" pinched through the middle, is technically called a spherical torus.*

- Ancient shamans and mystics traveled out-of-body and saw this domed spherical structure surrounding the Solar System, with a translucent bluish-white appearance against the blackness of space, and with the funnel-shaped 'tube' passing directly through the Sun at the center. From the Earth's orbital perspective along the midplane of the sphere, looking towards the Sun's north pole, this energy field looks like a towering pillar coming up from the Sun and branching out into a spherical canopy – with a similar "root" going down below the south pole – hence it was called the "*World Tree*." This is actually the same energy structure that forms the body of a tree on Earth. It was another way in which the ancient Atlanteans hid their technical knowledge through symbolism, and will be covered in detail in Volume II. Later seers who visually perceived it simply believed the myth that it was a 'tree' and did not understand the science behind it.
- Another symbolic / technical metaphor of this energy field from the Atlanteans is the "Orphic Egg" and / or the "Omphalos stone," the "navel of the world." This is pictured as an egg with a serpent coiling around it – and is another very accurate symbol of what these swirling spherical fields actually look like, with the serpent representing twisting "torsion" fields and the egg showing the basic spherical structure.
- Every atom in our current reality, especially those formed in undisturbed natural circumstances, has some degree of existence in the different densities, but tends to be "focused" at the level we now perceive.
- Since this energy is conscious, a highly-trained person can actually form physical matter by conscious intention alone.
- The same energy fields structure all levels of size in the Universe, (*and all are alive in some form*,) from the atom to the cell to the fruit to the vital organs to the human body to the tree to the moon, planet, star, galaxy, galactic cluster, and visible Universe. At every level you will see the same basic underlying energy forms at work, such as the human aura or a planetary magnetic field, once you repair the damage that now exists in scientific thought.
- A clean, even musical ratio of 34560 separates these different levels of size, as discovered by Ray Tomes, which will be more fully covered in Volume III. The Universe is extremely well organized according to the laws of vibration.
- Thus, within even the smallest "subatomic particle" is the image of the entire Creation, much like a hologram. There is a universe within each of your cells – formed with the same basic patterns as the One Infinite Creator. Hence, "God made Man in Its own image."
- Each density is populated with increasingly intelligent life, moving ever closer to complete Oneness – and we are only on the third out of seven levels. Hence we have a lot of help now, as one could say that we are "screwing up" on the planetary scale, causing a great deal of damage and existing in a relatively blinded state, spiritually speaking.

As these nuggets of thought grow in your mind, they will be unrolled and revealed in their true splendor throughout the series, with plenty of proof to back them up, along with many other surprises that we have not yet revealed.

CONSCIOUSNESS EVOLUTION

FIRST DENSITY

One part of Ra's model needs to be made clear: we can *visually perceive* all

forms on Earth and elsewhere that have first, second and third-density levels of consciousness, not just the third. Hence, these densities are not directly similar to the concept of 'higher dimensions', as we shall explain later. Ra teaches that the *first density* is the world of the elements – earth, air, fire and water. In this density there is simply empty awareness that has no central focus of space or time. Gradually, as these elements disrupt each other, such as by water moving over earth, awareness eventually becomes more localized into that area of space and time. This causes the spiraling intelligent energy to combine into "*increasingly intelligent patterns*" therein, and thus the basic elements will begin forming into amino acids and eventually DNA molecules, which signals the bridge into second density.

SECOND DENSITY

The second density encompasses all forms that we normally consider to be "living," from single-celled organisms to plants to animals, birds and fish, except human beings. In this density, there is awareness, but these organisms *still* do not have a sense of a separate self – they have a group awareness that is shared amongst all of their species. This gives rise to various observable phenomena, such as flocks of birds or schools of fish that can all make sudden, simultaneous changes in their direction of movement. Dr. Rupert Sheldrake has written extensively on this subject, which is not difficult to understand if we can accept that *consciousness is all around us*, not just within our own minds. Consciousness is naturally shared between particular species of animals, via the intelligent energy that connects all life in the Universe, and there is also some degree of sharing between all different species as well.

The different animals within a given species are always consulting this "group mind" as they go throughout their daily routines, and if enough animals have the same experience, the knowledge gained from this experience becomes a part of the group-mind. Hence we have the famous "hundredth monkey" effect, where a series of monkeys were studied on separate islands, all isolated from each other. The scientists performing the study presented the monkeys with a challenge for gathering food that they had never encountered before. Either potatoes or rice were presented to the monkeys, but they were covered in sand. Some of the monkeys got the idea to wash the food in the stream and remove the sand. After approximately 100 of the monkeys did this, a "critical mass" was reached. Suddenly, every monkey on every island was no longer perplexed by the problem; *they would all immediately wash the rice or potatoes as if they had always known how to do it*, though they had never been in contact with any of the first 100 monkeys who solved the puzzle on their own.

Hence, a critical threshold was reached once the "hundredth monkey" learned the skill, and the behavior became completely automatic. This shows us how a new survival concept was written into the group-mind of this particular species of monkey. In Ra's model, this would represent an aspect of conscious evolution of that species as a group, precipitated by the free will of its members. It is a natural system designed for lower-level organisms to adapt to their surroundings and thereby be able to function in a largely automatic fashion. In time, this effect may be seen as one of the finest scientific discoveries of the 20th century.

THIRD DENSITY

The next question would be, "*If animals can share thoughts, then why can't most humans?*" The answer to the question is that we do still have a propensity towards "groupthink," though not on the directly conscious telepathic level any longer. In order to progress to the human level, we must shed some of what we have gained in second-density. The third-density is the first plane where each organism has a *direct consciousness of itself as a separate being*. In order to have a consciousness of being separate, we must lose the ability to merge with others of our own kind into a "group-mind." Our own individual mind actually becomes far more powerful in this process. We certainly hold the memory of having a group-mind that will allow us to run on 'autopilot,' and thus we can succumb to the "herd mentality" or what Dr. Caroline Myss calls the "tribal instinct" where we want to be part of a group, and let the group do all of our thinking for us. The problem with having a group-mind is that it removes the need for most individual thinking, reasoning and learning, and we never really grow by experience. With third-density awareness comes the advent of conscious processes that are not directly required for survival, such as love, compassion and creativity. This is considered to be the most important level of existence in the Universe in the spiritual sense, as it presents one with very unique conditions, as follows:

FREE WILL

In third density, there is no direct "proof" that God exists. It is quite possible for a being in this realm to conclude that they are "alone in the Universe." However, we can think of our entire Universe as a big game that was set up by the One Infinite Creator, where the idea was to separate itself into many distinct parts, each of which has total free will. The Law of One teachings repeatedly emphasize that *free will is the most important law in the universe*, and often the least understood or respected. It was free will that was behind the different fragments of the One choosing to separate and form the templates that eventually led to the rise of galaxies as conscious mega-beings.

Many people feel that they have a right, even an obligation to force their beliefs onto others. However, "behind the scenes" there are higher-level beings who rigorously protect the free will of others, thus insuring that no person meets with experiences that are above and beyond what they created for themselves through their own free will. Our experience in this cycle of Earth civilization is especially potent, as we have an institutionalized system of "science" that strongly frowns on any notion of a higher purpose behind the events that unfold in our lives. Thus, when a person begins thinking that such a "behind-the-scenes" world really exists, they often have to sit alone with that knowledge, and feel that it separates them from others.

Thus, we can again state that one of the most important realizations to free us from the "fairytale" of modern third-density civilization is that *events in our lives do not happen randomly*. The reality is that *we are living in a highly structured system with very specific rules, with free will as the pre-eminent law*. There are relatively exact guidelines in place for how we will meet with what we create – either on the positive or the negative path, which we will discuss below. The balancing adjustments that we attract to ourselves are precisely carried out by higher beings without any sense of judgment. We

should also remember that if we do get some “bad karma,” we are perpetually returning to a clean slate of balance – so there is usually never a need to fear any long-term repercussions.

The processes of karma are always giving us the opportunity to make huge inner progress in any moment, as we are always being returned to a state of balance where we have no karmic residue from the past. If you did something you think was “bad,” then fear not, for whatever balance you attracted to yourself came soon afterwards, and there is no need to fear any residual long-term effects. This is always the case, particularly at the end of a major cycle of evolution – though events of particularly negative nature, such as murder, may need to be balanced in future lifetimes. Hence, by free will we choose to keep repeating certain experiences that we may think of as “mistakes,” and choose to continue to experience the natural consequences that we then attract. We can simply make different choices, in the direction of self-acceptance, self-forgiveness and a finer exercising of the powers of our creative will to help others, and miraculously discover how quickly our experiences we have labeled as “suffering” will subside.

And if we want to spiritually advance in the Universe, we are well advised to choose through our own free will to increasingly lose our sense of being a separate self – and this means that we love others as we love ourselves, and we are completely respectful of their own free will. Eventually, we will get to a point where we can look in the mirror and see the face of the Creator, look into the faces of others and equally see the face of the Creator, and look at the entire Universe around us and see the Creator, with the awareness that our own True Self is what we are seeing at every level, and that all is perfect. Ultimately we will have no personality, no identity, no memory of past, present or future, but simply consciousness as the All.

This is a state of consciousness that you can aspire to right now, here in third density. Your thoughts are not your enemy and nothing is to be overcome. In meditation, just allow them to flow through you and run their course. We certainly can aspire to having our personalities become increasingly reflective of the Oneness, while knowing and accepting our “distortions” along the way. This is why it is important to cultivate a sense of humility, and to pay less attention to spiritual teachers who do not evince it in their own behavior.

So, the goal of the Creator is for each entity to make a conscious choice to again seek Oneness, out of our own free will – not because anyone else forced us to. If we are told what to do and what to believe, then we have learned nothing and will not make any progress. Perhaps the single most basic realization to make is that *we live in a loving Universe*. If we are all One Being, then it is foolish for us to hate anyone, as we are only hating ourselves, as the cliché goes. In third-density, we are not expected to have a full consciousness of the Law of One; in fact, Ra says that we must realize that we do not understand everything about the Universe in order to be able to make further progress.

In third density, we “grope in the dark” for truth, while having no direct proof that God exists. What matters most is how we use our free will in making a choice of which path we will follow. We can either choose to *love and respect others* or to *manipulate and control others*. The path of love and respect is the positive path, and the path of manipulation and control is the negative path.

Ra also explains this in terms of energy. The positive path is that which radiates energy out of itself and the negative path is that which absorbs energy into itself. Neither one of these behaviors of energy are intrinsically "good" or "bad," as both are required for anything "physical" to exist – we have pressure and counterpressure, radiance and absorption or "source" and "sink." However, in the realms of consciousness, the positive path is a far more expedient path back to the Oneness, as both paths ultimately unify into a positive, loving creation. When we act lovingly, we are radiating joy and happiness to others, thereby enhancing the Oneness, and when we act negatively and violate free will, we are trying to absorb others' life energies into ourselves, thereby enhancing the separation within the One. Another related deep realization is that the more that we can radiate energy out of ourselves, the more it will naturally be attracted back to us without having to manipulate or control anything to get it – we create a "flow." That which flows out of us must be replaced, by virtue of the laws of pressure and counterpressure. Higher pressure (*aether density*) always flows back into a lower-pressure zone.

We don't automatically shift into the next density if we are not ready for it. In order to "make graduation" into fourth-density positive, we must be slightly more than 50-percent oriented towards service to others, as demonstrated by our thoughts and actions, which are completely transparent to higher-level beings. It still appears that about *95% of all present-day human beings on Earth will be repeating their third-density cycle on a different planet after the Earth has entered into fourth-density*, since it is so easy in this experience to focus on the material and on how other people, animals, plants and the environment can all be manipulated to increase the comfort and ease of existence for the self; i.e. energy absorption. It is for this very reason that our economic structures are collapsing right out from under us as we rewrite this edition; the increasing energy density level that is charging up the whole Solar System simply does not allow these systems of consciousness to propagate any longer – they cannot maintain an existence within the instreaming higher energy. However, once the cycle ends, if we have simply gone above this basic 50-percent level of loving others in our truest, deepest thoughts and actions, then we are ready to evolve to the next level and proceed forward. And even at this late stage in the game, we do still have a narrow chance of increasing the numbers of those who will "make it" to well above 5 percent, hence Ra tells us that "estimation is meaningless."

Those who are going to repeat a third-density cycle are not going to "hell," they are simply staying at the level that is most appropriate for them to learn. We are told that higher-level beings will transport them to a new planet that is suitable for their path. The Universe allows you to choose a path, negative or positive, in third-density. However, most modern Earth people are stuck in what Ra calls the "morass of indifference" where their actions are not sufficiently polarized for either path, and thereby will repeat the cycle. This is not good or bad, it simply *is*.

These general metaphysical principles are said to be constants throughout the Universe – and in this series of books, we will learn how to *remember* the Creation from the perspective of the One True Self that we once were. Once we learn the hidden truths of science, our minds have become conditioned to accept a greater inner knowledge of Oneness, and we will automatically advance on our spiritual path as a result. Again, the more that we can step

out of our sense of being an individual self, and see others as the self, the quicker we will progress.

So, the Law of One concepts of "densities" are clearly different than the dimensions. We can directly see the elemental life of first-density, the "organic" life of second-density and the human life of third-density. The next obvious question is "Why can't we see the beings in the fourth, fifth, sixth and seventh densities?" In the Law of One series, it says that "*All the densities 4, 5, 6 and 7 would remain visible, were they not freely choosing not to do so.*"

As a brief overview, fourth density is that realm of unconditional love – a realm of love that is not very well informed with wisdom and discernment. Fifth density is the realm of wisdom, and compassion can be lacking. In sixth density compassion and wisdom are integrated. Seventh density is where one recognizes that all things are perfectly sacred, and there is the dissolving of any sense of separate self back into Oneness once more. Finally, the Octave is the Oneness, a return to complete timelessness. Channelers often give many different interpretations of how many dimensions there are, but it is important to remember that the eight-level Octave model is supported by direct higher-dimensional physics equations, as we shall see. We are now moving into the fourth-density level on Earth and will begin studying the lessons of fifth-density as well, and we have every reason to expect that life will be seen as almost unspeakably fantastic compared to what it is like now. The Law of One series tells us that life in fourth-density is "one hundred times more harmonious" than life in the third-density.

In the next chapter we will return to our physical modelings of the behavior of this fluidlike aetheric energy, and introduce the penultimate concept of sacred geometry. It is very, very frequently discussed in all ancient teachings, to the point that the main symbol of the Masonic Order is a compass and straightedge, the two basic instruments needed to work with sacred geometry – hence the "G" for "Geometry" in the center of the symbol. A working knowledge of the importance of geometry in the flow of aetheric energy was behind the construction of various pyramids, standing stones, earth mounds and related formations worldwide.

REFERENCES:

Sullivan, Kevin. *In Cuban Depths, Atlantis or Anomaly? Images of Massive Stones 2,000 Feet Below Surface Fuel Scientific Speculation*. Washington Post Foreign Service, Thursday, October 10, 2002; Page A25.

URL: www.washingtonpost.com/wp-dyn/articles/A3507-2002Oct9.html

CHAPTER 03: HARMONIC PYRAMIDS ON EARTH AND ABROAD

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SACRED GEOMETRY

Now that we have given an overview of the entire aether model in this series, and covered some of the basics in terms of how life behaves in the earlier densities, we shall explore some of the *physical* properties of these densities, and their esoteric connections. It is important to again remember that these densities are formed by a fluidlike, non-physical energy source. The hard proof for the existence of a fluidlike 'aether' is extensive, and will be covered in greater detail in volumes II and III.

First of all, from sources including Ra, we know that the Universe is One. This One is unilaterally referred to as Pure White Light. It is also referred to as the "seed sound" of the Universe, or the AUM. We are then told that things got rather stale as The One, since nothing really ever changed in this Unity. So, The One decided to create new life from itself. In order to do this, The One vibrated itself into the "octave." The Pure White Light became a series of seven colors - red, orange, yellow, green, blue, indigo, violet. The visible color spectrum embodies the memory of this. The One Seed Sound broke up into a series of pure tones - do, re, mi, fa, sol, la, ti. The immutable structure of the Octave, those notes which are the purest mathematical ratios and also sound the best to our ears, holds the memory of this. (They can be seen and heard with the white keys on the piano.) Another word for vibration is "harmonics," and we will frequently use that word to describe these systems.

We need to remember that this Pure Light and Pure Sound are simply two different ways of describing the same vibrations of the fluidlike "intelligent energy" of the One. There is no real difference between them, as they are both functions of vibration. Sound is a vibration of air molecules, and light is ultimately a vibration of the fluidlike aether. We will see in Volume II how Dale Pond has demonstrated that if you multiply the pure sound frequencies many times over, you get the visible color frequencies, thus showing the equivalence between the two.

[Most scientists agree that light behaves like a wave, but they also try to assert that there is no *medium* that the wave is traveling through – that the wave is simply a particle-like entity known as a "photon" traveling through an empty 'vacuum.' This is a preposterous notion, as all natural examples of waves have something that they are 'waving' through. The basic definition of a wave is "an impulse that travels through a medium," and in reality light is no different.]

The third key "harmonic" component that we need to have in place after light and sound is geometry, which is the visible result of vibration. The first and most important geometry that we must start with is the sphere, which the ancient traditions see as the highest geometry in the Universe, the pure essence of the One. In our physics model, the Universe is ultimately spherical in shape, as its energy fields expanded at a uniform rate in all directions as it was formed. [All of our visible galaxies in the Universe have coalesced into

one single "flat" super-galaxy, however, but the spherical energy fields are still present around this super-galaxy, just not as visible. This will be discussed in Volume III.] A sphere can be compressed into a single point, which has no space and no time, and thus exist as the simplest object in the Universe, but the sphere also is the most complex form in the Universe, containing all other things within itself. Although this might not seem to make sense at first, it is actually quite simple to explain when we start out with a "flat" two-dimensional demonstration, as the ancient students of sacred geometry would learn.

We start by drawing a circle with a compass. Any spot on a circle could be defined as a point, and you could then take a straightedge and draw a line to any other possible spot on the circle. There are literally an *infinite number* of different lines, angles and shapes that could be drawn within the circle. Mathematically speaking, no other geometric shape can form as many different geometries inside of itself as a circle can, and thus it is the most complex two-dimensional shape there is. At the same time, its pure, harmonic structure makes it the simplest possible two-dimensional shape in the Universe. It is the only shape where there is only one edge, no straight lines, and a curve that is completely unified for a full 360 degrees around a single center point. It resolves to One, and thus it is the simplest possible two-dimensional shape.

When we expand this into three dimensions, we can then see that the similar principle applies to the sphere. Confusingly, physicist Buckminster Fuller described a sphere as "*a multiplicity of discrete events, approximately equidistant in all directions from a nuclear center.*" Events, you say? To put this in drastically simpler language, in a sphere you can draw an infinite number of lines that connect to an infinite number of points (*i.e.* "events") on the surface of the sphere, with all the lines starting from one single center point or nucleus, and all the lines will come out to be the exact same length. This makes the sphere the most complex three-dimensional object that there is; an infinite number of different geometric shapes can be drawn inside of it, by simply connecting different points on the surface of the sphere together. Once you stretch or flatten the sphere in any way, you have less symmetry and thus have less flexibility in what can be geometrically created inside. (This may seem hard to understand, but it can be proven mathematically. This also explains why liquid naturally forms into spheres when it is in free-fall and/or in a soap bubble, as the air pressure on the liquid is equal on all sides.) The sphere is also the simplest three-dimensional formation in the Universe for the same reasons as the circle; namely, there is only one edge, perfectly symmetrical in its curvature around a center point, and thus all resolves to One. For comparison, a cube would have six sides or edges, and this is one of the simplest three-dimensional shapes that there is. The sphere has only one 'side'.

Interestingly, the work of Dr. Hans Jenny (pronounced "Yenny") has shown that when a spherical area of fluid is vibrated at pure "Diatonic" sound frequencies, *i.e.* the basic vibrations of the Octave, then geometric forms emerge inside the fluid. Tiny particles that Jenny put in the fluid known as 'colloids' would assemble into basic geometric forms during the experiment, leaving clear water in between – where normally the particles would be suspended all throughout the water equally. If Dr. Jenny turned up the sound frequency to a higher level, then more complex geometric structures would

appear, and when he turned it back down to the original level, the exact same geometry that he started with would be seen once again in the same way. This is quite a dramatic demonstration when seen on Dr. Jenny's "Cymatics" video, which is accessible from various sources – yet such research has been remarkably undervalued and / or ignored by the scientific community.

Thus, geometry is a very basic characteristic of vibration – or as Pythagoras once said, "Geometry is frozen music." The five most important three-dimensional geometries are collectively known as the Platonic solids, since the Greek philosopher Plato first wrote them about in modern times.

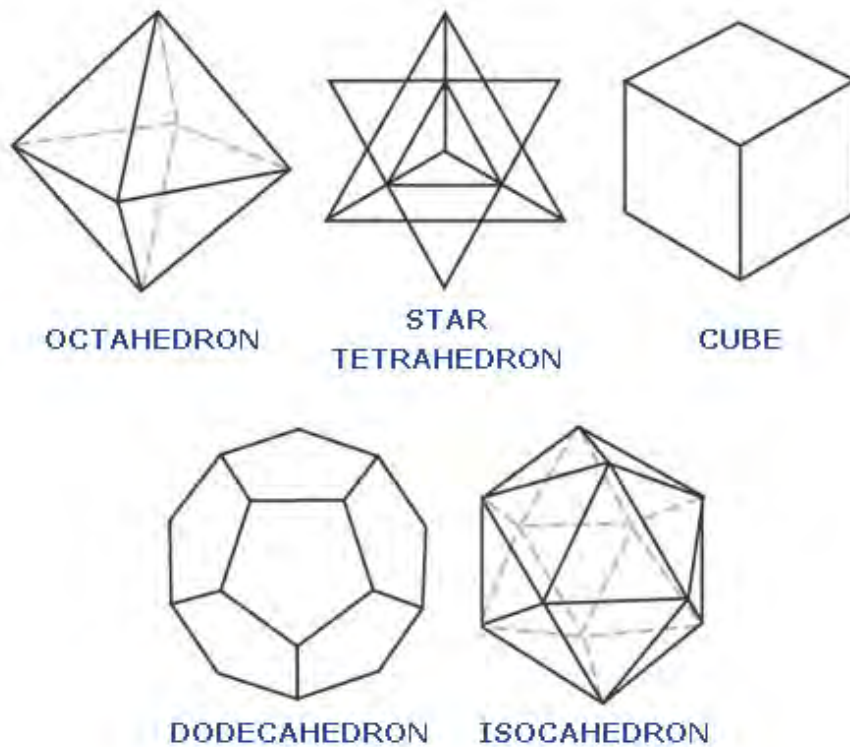


Figure 3.1 – The five Platonic Solids.

As one note, the Star Tetrahedron is more technically known as an interlaced tetrahedron. You can also examine the tetrahedron by itself, which is simply a four-sided pyramid with equilateral triangles on each face, but in terms of the workings of energy as vibration, it appears that most tetrahedral structures have two tetrahedrons stuck inside of each other as we see above.

There is clear evidence that any scientific effort which moves towards a discovery of the importance of these geometries in the Universe is being actively suppressed, as those in the secret brotherhoods still have a high degree of power and feel bound to "ever conceal and never reveal" the "secrets of the Order." Many of these group members have deliberately arisen to power in various scientific institutions, and are thus positioned to deflect certain types of research, especially those related to free energy / anti-gravity, as we shall discuss in Volume II. Richard Hoagland and the Enterprise Mission, working with Lt. Col. Tom Bearden, have shown how such suppression efforts trace back to the 19th century, at least. The great 19th century pioneer who analyzed the behavior of the electromagnetic (EM) wave was Sir James Clerk Maxwell. His equations, known as "quaternions," were

used to map out the full, hidden internal structures of the EM wave in full 3-D view, with over 200 equations altogether. When you analyze all 200+ quaternions as a group, you see the geometry of a tetrahedron inside a sphere. This is the hidden secret of the electromagnetic wave, the underlying structure that determines its behavior as it moves along – and Oliver Heaviside and others, who reduced Maxwell's equations to four basic quaternions and declared the hidden geometry to be "occult nonsense", vigorously removed it from all academic debate. Had this not been done, we may have "solved the puzzle" far earlier along.

There is no direct way to prove that those from the secret groups inspired this political move on Maxwell's work, but it is exactly what we would expect based on their own system of beliefs that they are sworn to uphold on pain of death. An even more obvious example was the demonizing of the "aether" concept through using the results of the Michelson-Morley experiment as "proof." 19th century mystic Madame Blavatsky predicted that the aether would be removed from discussion, and that "the pillars of science would come down along with it." We will discuss this more fully in volumes II and III. Even now, the anti-aether bias is so strong that you will be almost immediately dismissed if you try to bring it up in a scientific discussion – but we are not concerned, as time and proof will heal this wound.

Once we do accept the existence of a fluidlike aether at various levels of density, where each density has a different quality of vibration, then we realize that certain clear geometric forms will emerge at the various "pure" frequencies. Indeed, geometry is the single most important aspect of the aether's behavior in terms of being able to construct stable structures, such as crystals. Without the geometry, matter would not be possible, as geometry is what allows the "field bubbles" of the aether to clump together in precise, organized patterns, forming specific molecules. Otherwise, the best we could hope for is that the spheres would line up pole-to-pole, and otherwise be free flowing around each other – and this behavior would not be complex enough to build matter. The tips of the geometries have more strength to attract each other than the other areas on the surface of the sphere, as we shall discuss below, and this allows the spheres to organize into non-random "matrix" patterns.

Though we cannot directly see these geometries most of the time, except in crystal structures, microclusters and quasi-crystals (volume III), they create distinct "stresses" or pressure zones in the aether that can exert enormous forces on their environment. Think about the force that is contained in a whirlpool and you'll see how a fluid can have areas of stronger and weaker force inside of it. These geometric forms therefore possess both qualities of a fluid, as they are forming in a fluid medium, as well as a crystal, as they are clearly geometric – hence Dr. Harold Aspden refers to them as "fluid crystals." By the end of Volume III, we will have constructed a complete physics model to demonstrate how these formations are hidden within all physics, whether quantum, biological or cosmological. If you think the science of chemistry and quantum physics is complete as it is, you will be very surprised to find out how many problems there are with the current models – and that the design we present here solves every one of these problems. In this book we will cover some of the basics of how this geometric patterning works, including the "Global Grid" of energy lines on the Earth, which directly shape the continents.

The most important quality of the Platonic Solids is that each shape fits perfectly into a sphere, such that all its outer points precisely merge with the outside surface of the sphere. Each of the straight lines that make up these objects will be the same length, and all geometric points on the sphere's surface are equidistant from their neighbors – which is exactly what we would expect with the science of vibration. Plato and other Greek philosophers also pointed out that all the angle measurements in these geometric solids are the same, and that each side of the three-dimensional objects have to be the same shape. Although this may seem confusing at first, it actually works out very nicely. There are only five major shapes to contend with when we look at this information. Those five shapes are the octahedron, star tetrahedron, cube (hexahedron), dodecahedron and icosahedron.

In order to understand why such geometric objects form inside a vibrating sphere of fluidlike energy, we have to know a little about wave movement. If we have a simple two-dimensional wave, such as a vibrating guitar string, then there are three basic components that will stay the same if the wave is not disturbed. These three basic components are the wavelength, the frequency and the amplitude. The wavelength is how long each part of the wave is, i.e. "the observed distance between two adjacent wave crests," (measured as a length quantity in angstroms when dealing with visible light.) The frequency is the number of wave crests that pass by an observer each second – measured as cycles per second or "hertz," and the amplitude is how high each wave is – i.e. "the size of the wave measured from zero to peak."

Any color or sound that stays the same for a length of time will have a continuous repetition of the same wavelength during that time. As a typical example, the "concert-level" frequency for the note A is 440 cycles per second. This means that when air vibrates 440 times in one second, our ear interprets this as the musical sound "A". That's all there is to it. If those 440 cycles didn't all have the same frequency and amplitude, then we wouldn't hear a steady pitch at a steady volume. If we increase the frequency of the sound, such as by going up to 497 cycles per second, then the pitch will go up as the wavelength shortens. If we increase the amplitude, the volume of the sound will go up as the height of the wave increases, but its pitch will stay the same.

We should also remember that complex information can be stored in these waves. We have two types of waves that are used for radio: frequency modulation, or FM, and amplitude modulation, or AM. The word 'modulation' simply means 'changing.' So, as a simple explanation, the FM waves stay at the same amplitude but have continuing changes (modulations) in their frequency, whereas the AM waves maintain the same frequency but have continuing changes in amplitude. That's basically all there is to it. Since these electromagnetic waves can move so fast, there is a great deal of information that can be stored within them – and that is an important point. The encoded information of AM/FM radio, CB, the police / fire / emergency bands, broadcast and satellite television stations, cordless and cellular telephone conversations are always around us in every moment.

Now when we have a three-dimensional geometric waveform inside of a sphere, the wavelength and frequency would be represented by the distance between the various node points across the surface of the sphere, which could be measured in degrees, and calculated by the sine function in trigonometry.

The amplitude would be measured by the size of the sphere, which could be measured in radians, and calculated by the cosine function. Thus, as we pump up the strength (amplitude) of a given spherical energy field, so too will we increase its size – which explains why these structures exist from the tiniest level of quantum mechanics all the way up to the known Universe. It is also important to realize that in this fluidlike aether system, increases in frequency will also draw in more aetheric energy from the surrounding environment, and thereby increase the size (amplitude) of the sphere as one geometry shifts to another. We will explore this later in the chapter, when we see how neatly the different Platonic Solids “nest” inside of each other, with each new geometry larger than the one inside of it. So typically, a frequency increase will also involve an amplitude increase.

The only thing left to explain is why the vibrations form tips or points or vertices at the surface of the sphere, with straight lines connecting them. Again, returning to a the simple study of a wave in two dimensions, known as wave mechanics, we know that every wave has certain points known as “nodes” where there is no movement. This is easiest to see with the basic sine wave, which is shaped like a slow-moving wave on the surface of a lake – a continuing S-shaped curve. If you pluck a guitar string, there are certain areas of the wave where there is no movement at all, but it actually will remain perfectly still. These areas are the “nodes,” and you obtain the wavelength by measuring the distance between these nodes. A node could also be seen as the area where a child’s seesaw is supported by a metal pole; either side of the seesaw can go up and down, but the middle of the board will always stay in the same place. Again, such a point is known in wave mechanics as a “node” or a “moment point.”

Similarly, the pointy tips or vertices of the Platonic Solids represent the nodes of the wave. These points are where the least amount of vibration is occurring throughout the entire sphere. Consequently, we will see that in this “stillness” is great power, caused by the pressure surrounding the points. These node areas (as well as the exact center of the sphere) actually have the greatest energetic strength across the entire surface of the sphere, because the surrounding higher-pressure zones of vibration will naturally gather up and direct everything “loose” in the area back to these low-pressure zones. It is for this very reason that the most number of loose “colloids” would gather into these nodes in Dr. Jenny’s experiments. (This is also the same reason why high-pressure storm clouds will rush into a low-pressure zone in our atmosphere.) Since these nodes exert great force on each other by the laws of vibration, then as the old saying goes, “the shortest distance between two points is a straight line.” So, straight lines of force are naturally formed between these nodes once they are created, and when you see all the lines combined together, the geometric object emerges – just like connect-the-dots.

The last terms from wave mechanics that we need to introduce at this time are “moving wave” and “standing wave.” (The terms “dynamic” or “propagating” for the moving wave and “static” for the standing wave are also used.) This is quite self-explanatory – a moving wave moves through space, where a standing wave stands still as it vibrates. So, if we have a sphere of fluid that remains stationary and has a geometric stress pattern of vibration inside of it, that geometry is referred to as a “standing wave.” Once we think in these terms, it becomes easy to put the model together – it is based on

simple, known physical principles of vibrating fluid, and the quasi-solid “stresses” that can be formed inside of it by vibration.

MATCHING UP GEOMETRIC FORMS TO THE “DENSITIES”

Now if we think back to the idea that there is an Octave of aetheric densities in the Universe, we can see that these densities have color, sound and geometric components. This is perhaps the most frequently studied connection that was explored by the inheritors of the ancient mysteries, long after they had lost track of the full scope of scientific knowledge that was behind it. So, one early puzzle that we worked on from 1996 to 1998 was, “How do we assign a geometric shape to each of the seven major densities, since there are only five Platonic Solids and the sphere to work with?” We do not need eight shapes, as the ancient traditions tell us that the sphere exists both at the beginning and the end of the Octave. Similarly, in the Octave of sound, any note that is an octave higher than another note will sound the same, just in a different register – a higher or lower octave. Mathematically, any musical note that is an octave higher than another note will have exactly twice as many cycles per second – so “A” at 440 cycles per second will again become “A” when it gets to 880 cycles per second.

So where is the seventh shape? The answer was found in the “religious myths” of the ancient Vedic scriptures from India, the remnants of the Rama empire, as told in Robert Lawlor’s invaluable book Sacred Geometry. The Hindus, or their contacts, supplied the answer by supplying us with one of the Platonic Solids twice. Just as the sphere appears twice, at the beginning and end of the octave, so does its closest harmonic partner, the icosahedron, located at the second and seventh density levels. For the rich, mystical culture of the ancient Vedic texts, with the full cooperation of extradimensional entities flying about in fabulous vimanas, the icosahedron shape was actually turned into a god. They named him Purusha, and in the seventh dimension, or density, he represents the masculine force in the universe.



Figure 3.2 – The icosahedron, known as the masculine god “Purusha” to the ancient Rama empire.

As we just said, Purusha also shows up as the first shape for the sphere to crystallize into when we are at the beginning of the spectrum. Therefore, the One, being a manifestation of all conscious entities, must crystallize down into the world of form as Purusha, and any entity must again attain the level of Purusha to return to the One at the end of the cycle. The next image from Lawlor's Sacred Geometry shows how you would draw an icosahedron in two dimensions, using a compass and straightedge.

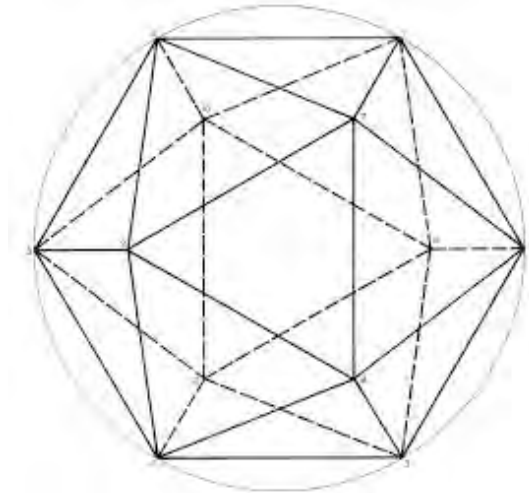


Figure 3.3 – The icosahedron, as drawn in two dimensions with a compass and straightedge. (From Sacred Geometry)

Before we assert that the Hindu culture was sexist and male-driven, assigning masculinity to all the best spiritual forces in life, realize that there is a yin to our yang. The universal feminine force is referred to as Prakriti, and is identified as the dodecahedron, or the sixth density.

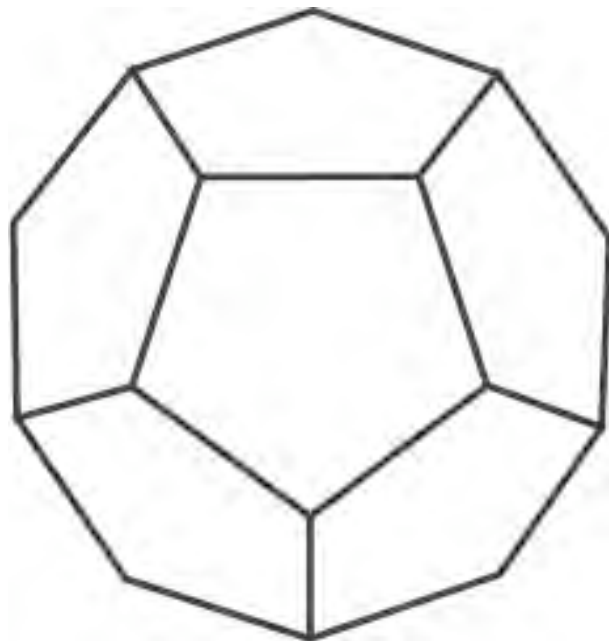


Figure 3.4 – The dodecahedron, known as the feminine goddess "Prakriti" to the ancient Rama empire. (From Sacred Geometry)

In fact, it appears that each density can be considered as having either "male" or "female" qualities, the second being female, third male, fourth female, fifth male, et cetera. Let us not forget that the Oneness is a combination of both genders in Unity. Thus, as Purusha starts as female in the second density, we see that it is, indeed, a father / mother god, also encompassing the feminine, or Prakriti archetype within itself. Once we read further into the design and understand the metaphysical and spiritual properties of the dimensions, their "genders" will make tremendously good sense. Other than the sphere, we can see that Purusha and Prakriti are the two highest shapes in the spectrum, so it makes sense, in some way, that these two shapes themselves could have been personified as gods and goddesses. These higher realms are clearly something we can aspire to, and these are, essentially, conscious shapes.

Our own home is currently in shape number 3. This, the octahedron, is the vibratory level that provides the invisible background framework for the energy that all of our atoms and molecules are created from. Rod Johnson, whose sacred geometry model of quantum physics covered in Volume III, has asserted that the massless "neutrinos" that have been observed in the laboratory could well be octahedrons. However, more often than not these vibrations would remain undetectable, as they are only the underlying framework of reality, not the actual reality itself. When you look at a finished skyscraper, you don't see the I-beams. Similarly, we don't see the "zero-point energy" that creates "virtual particles" of protons, neutrons and electrons which constantly wink in and out of existence, but yet we know that it must exist. Therefore, the ancient physics would teach us that this shape represents the fundamental background for all matter in our "density." This is the forgotten ancient teaching. It is important to realize that this is only a general rule, as within our own density we see evidence of all the Platonic Solids, representing the different "sub-densities." We need all of them in place to be able to build physical matter – but the strongest one in third-density is the octahedron.

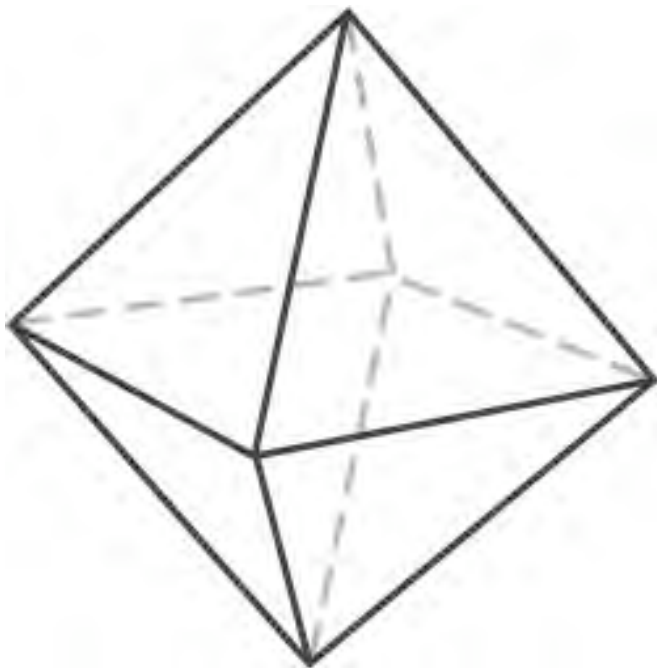


Figure 3.5 – The octahedron, which is the underlying geometry of our own "third density."

To look at just the top half of an octahedron, we can easily see that it is identical to the shape of the Egyptian Great Pyramid. With the full physics model in place, this simple fact will clearly illustrate that all pyramids were designed in order to be able to focus this geometric energy of the aether, much as would a funnel direct a flow of water. As we will see later in this volume, the "torsion fields" on the Earth can vary from place to place far more than the normal "push" of gravity or of the Earth's magnetic field, and in the Russian lingo, any pyramid acts as a "passive torsion generator."

Matter itself behaves like a vibrating sponge that is submerged in water, with fluidlike energy continually flowing in and out of it with a pulsating motion. When you clump matter together into a single structure, the shape of that structure will determine how the aether "currents" flow through it. Any cylinder or cone-shaped object will harness and focalize torsion fields, as we have extensively documented in Volume III. There are always torsion fields coming out of the Earth in spirals, and the cone shape can direct and focus these fields. Let us not forget that these fields are composed of intelligent energy, so one major benefit of harnessing these fields is that they will dramatically enhance your physical health as well as your spiritual consciousness in a short time – hence the ancient Egyptians referred to the pyramids as "temples of initiation." And we know that the Greek word "Pyramid" is a conjunction of the words "Pyre" and "Amid," meaning "Fire in the Middle." This "fire in the middle" represents the energy fields that are harnessed inside the Pyramid – hence the name itself conceals part of the secret.

In essence, with the proper science in place, we realize that the Great Pyramid of Gizeh, the most precisely constructed pyramid on Earth, is a fantastic machine, fashioned with a technology that is far more advanced than our present scientific level of understanding. The reason why is that this is a technology of consciousness, working off of a physics model that we are only just now rediscovering in the public arena. And the more that we examine the Pyramid, the more that we can see how accurate and comprehensive the ancient knowledge that went into it must be.

It is an established, longstanding fact that if you take the difference between the base and height measurements of the Pyramid, the pi ratio of 3.14159 is expressed. This means that you could draw a circle from one corner, over the top and down to the opposite corner, and that circle would perfectly touch all three points. Then, all we have to do is think in three dimensions, and we will quickly discover that the Pyramid mathematically fits perfectly within a half-sphere.

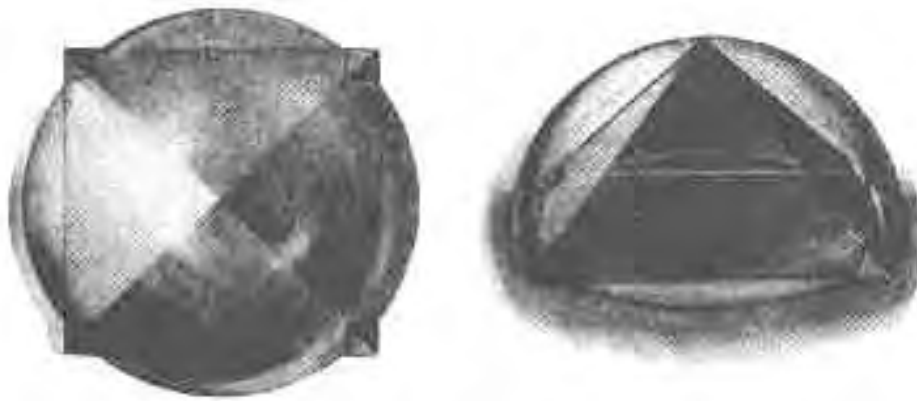


Figure 3.6 – The Great Pyramid fits perfectly within a half-sphere, as pictured.

So, in a very direct fashion, the pyramid structure forms “resonance” with the aether, causing a sphere of unseen energy to form around itself just like this. Remember that the strongest geometric energy structure of our own dimension, if we could see it, would look exactly like this. Thus, the Pyramid was not only a geometric object, it was literally built as a giant, solidified “consciousness unit.” On one level, we could think of it as a giant statue in honor of the energy density that we now inhabit – but it is also a very potent machine. We have also been told by Ra that it was far more effective when it was first built than it is now, due to the changing positions of the Earth and the deterioration of its stone faces.

Many Pyramidologists have pointed out that the outside of the Great Pyramid expresses the exact length of an Earth year, 365.2422, in many different measurements. Since scholars understand that the Pyramid perfectly fits into a half-sphere, many have concluded that the Pyramid is designed to represent the Earth. But that wouldn't explain why the pyramid builders didn't simply erect a globe, especially with the apparent technology that they had at their disposal to precisely position such huge stones. It is only now that we can see why the octahedral form was chosen in order to do this.

Though we cannot see the Pyramid as a crystal now, it is a well-known fact in Egyptological circles that when the Pyramid was first built, it was entirely covered on the outside with casing stones. These were made of white Tura limestone that was precisely mirror-polished to a glowing sheen (Lemesurier, 1977.) It was so bright in daylight as to be blinding, hence the ancient Egyptians named it “Ta Khut,” or “The Light.” It would be very easy to conclude that it was not built by primitive human beings when seen in this original form. In the next picture below, we see the remnants of these stones that still exist along the bottom.



Figure 3.7 – Casing stones that still exist along the base perimeter of the Great Pyramid.

What is not often known is that the spaces in between these casing stones were only 1/100th of an inch wide (Lemesurier, Hoagland.) For comparison, the best that modern technology could do to align the heat shield tiles on the Space Shuttle was one thirtieth of an inch tolerance (Hoagland.) This puts the fashioning of the casing stones on the level of optical precision; something we would normally only use for extremely sensitive pieces of equipment. All of this precision was used to make it that much more effective as a "machine" that harnessed torsion fields.

Furthermore, in these incredibly tight spaces between casing stones, so tight that a knife blade cannot be pushed into them, there is an impossibly thin layer of "cement" holding them together. This "cement" is so strong that to strike the joint with a sledgehammer, the limestone itself breaks before the "cement" does. Still to this day, no one has provided a satisfactory explanation for how this could have been done. It certainly appears that the stones themselves were fused in place, and thus it wasn't cement at all, but a product of extreme heat, melting the two stones together. So how did they get the heat? A laser, perhaps? Or was it focused consciousness, transforming the matter phase of conscious limestone molecules? Ra's explanations start to make more and more sense to us as we go along, as in their model, they were able to use consciousness to visualize how they wanted the stones to arrange themselves, and their visualizations would then become reality.

To summarize, then, the outside of the Pyramid was fashioned with an optical precision that is only now matched by the type of work that we would do on a mirror lens for a reflecting telescope (Hoagland.) We must then picture a giant pyramid built out of four mirrors, so bright in the daylight as to be almost blinding. Again, it is no wonder that ancient Egyptians referred to it as "Ta Khut," or The Light. When it was in its true crystal state, there could be no doubt that it was not built by the humans of the time; it would be a most totally alien-looking structure. We can only imagine its original appearance

now, as earthquakes jarred most of the casing stones loose in the early years of the first millennium AD, and these perfect white stones were then hauled off to build mosques in Cairo. Thus we can only measure the original design of the casing stones from the few that remain along the bottom, still intact. The top of the second pyramid also has some casing stones still remaining.

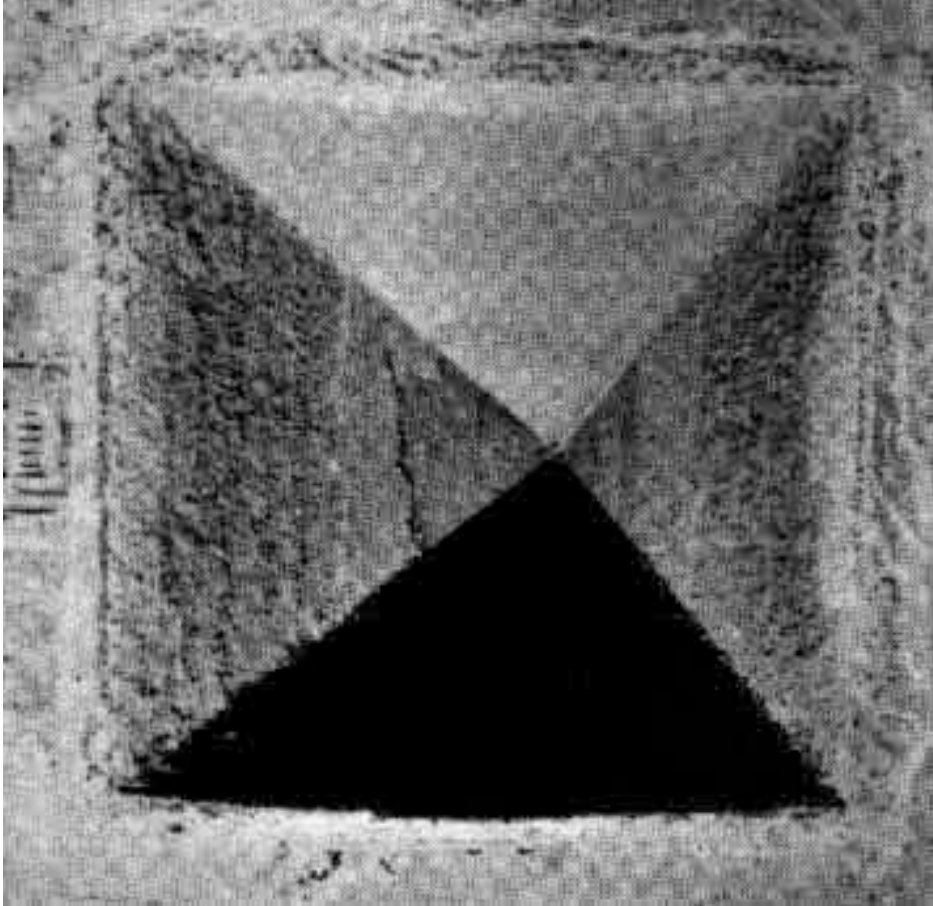


Figure 3.8 – Top-down view of second pyramid on the Giza plateau, showing casing stones at top.

This almost insane degree of precision starts to make a lot more sense when we realize what energies might be able to be harnessed by the building of such a structure. These energies would not be cold and lifeless like electricity; instead, they would represent conscious energy, and could thus be directed by a conscious human being, once trained. The author's own sources, along with Ra and the Cayce readings, indicate that a person well trained in directing this energy could rejuvenate dying bodies to extreme youth and vitality, travel in time and levitate massive objects with ease. Furthermore, it helped to stabilize the Earth on its axis, decrease severe weather and earthquakes in the surrounding area, heal and normalize the mind, purify water, create usable energy and eliminate leftover radiation from nuclear battles in much shorter amounts of time. The more we learn about the science that is involved, the more obvious this will become – and the greater of a desire we will have to rebuild a worldwide network of pyramids once again to heal the earth of the present damages that we are creating.

Indeed, Ra tells us that the Pyramid was a giant gift that they produced for our civilization, a gift whose primary purpose centered on providing a temple

for initiation while also functioning as an effective balancing agent for the Earth's energy fields. Having a "temple of initiation" meant that higher-level energies could be harnessed and integrated into the physical and nonphysical bodies of the human seeker, and the full soul evolution progress through the spectrum of seven densities could then be made while still on Earth. This was a very rigorous and terrifying process, as one essentially confronts all of the "distortions" of the personality self at once, in what amounts to a subjectively long-lasting nightmare. A trained healer, who can travel with the person out-of-body while they go on this journey, was always present for this work to be done, since the fear alone could cause the person to lose track of the physical body and thereby die.

If the initiation was successful, then after such a progressive evolution is complete, that entity would have access to all the power of the entire octave of dimensions, becoming like a god and having Christlike abilities, if it decided not to leave the Earth. One reason that the inheritors of the Atlantean Mysteries felt that they had to keep the knowledge a secret is that they felt that if a negatively-polarized person made sufficient progress in the Pyramid, they could become a very powerful force of evil on Earth – even though it appears that this would not truly be possible, since the negative path cannot sustain itself above the fifth density.

It should be no surprise that mystical tradition long holds that Jesus also completed a Pyramidal initiation in such a manner, and might well have been the only person coming in well equipped enough to actually complete the process in full. According to the Edgar Cayce readings, Jesus enjoyed a former lifetime as Hermes, the co-designer of the Pyramid with the priest Ra-Ta, who later reincarnated as Cayce himself. Thus, it appears that Jesus later utilized the very piece of technology that he originally helped to build, in order to complete his own initiation.

As we will see in the end of the book, the Pyramid actually wrote Jesus' arrival directly into a timeline based on a geometric and numeric code built into the design of the chambers and passages inside. The prophetic statement of this Messianic arrival occurs at the moment where the narrow Ascending Passage suddenly heightens tremendously into the Grand Gallery. This particular event in the Pyramid symbolism is arguably one of the single most powerful symbolic events of the entire span of time given. Obviously Jesus knew, even as he helped design this incredible structure, what he would later use it for in future lifetimes.

If the pyramid shape is a basic product of understanding a more advanced physics than we are now using, then we would expect that the technology would be discovered by any civilized society on any inhabited planet. In 1981, Ra said that Mars is the only remaining planet in our Solar System that had third-dimensional humanoid life like ourselves in any recent past. And in the late 1980's, Richard Hoagland's work began to be more widely known, which did indeed reveal the remnants of just such a civilization. From Hoagland and others' data regarding Mars, we see that the largest and easiest pyramid to identify in the Viking-photographed Cydonia region of Mars is five-sided, almost precisely duplicating the top of an icosahedron, or the Hindu god Purusha, if we remember. Near this five-sided pyramid is a city complex of slightly smaller pyramids that appear identical to those we see in Egypt.

In addition, the Mariner-photographed Elysium pyramids on Mars are clearly in the form of tetrahedrons, and Carl Munck, whom we will meet in later chapters, demonstrates a North American Earth mound in the form of a tetrahedron in his book *The Code*, also available from the Laura Lee Online Bookstore. Furthermore, Hoagland and others have written of spherical glass domes on the Moon, which might well serve the same purpose in harnessing torsion fields, holding in an atmosphere and providing a clear view of "outer space." Our own ex-NASA astrophysicist Maurice Chatelain, whom we also shall discuss in later chapters, came forward in 1995 with the shattering revelation that NASA had found "geometric ruins of unknown origin" on the Moon during the Mariner and Apollo missions. More recently, similar testimony was given at the Disclosure Project conferences, starting on May 9, 2001 – and we attended the May 10 event and personally interviewed the witness.

GEOMETRIC ENERGY TRANSITIONS

Our next question is, "How do we naturally map out the transitions from one geometric energy frequency to the next?" Through a moderately complex set of procedures, one can demonstrate how each geometric form will naturally "grow" out of the one before it. To begin with, the sphere into the icosahedron is relatively obvious – the movement of formless Unity into geometric form – so there is no real modeling to be done. The second-density icosahedron into the third-density octahedron will be clearly modeled in Volume II. In order to turn our own octahedron into the shape of the 4th dimension, all that is required is to expand each face into a basic four-sided triangle, or tetrahedron. In our diagram here, we conceptualize it as if you were going to place a tetrahedron onto each face separately.

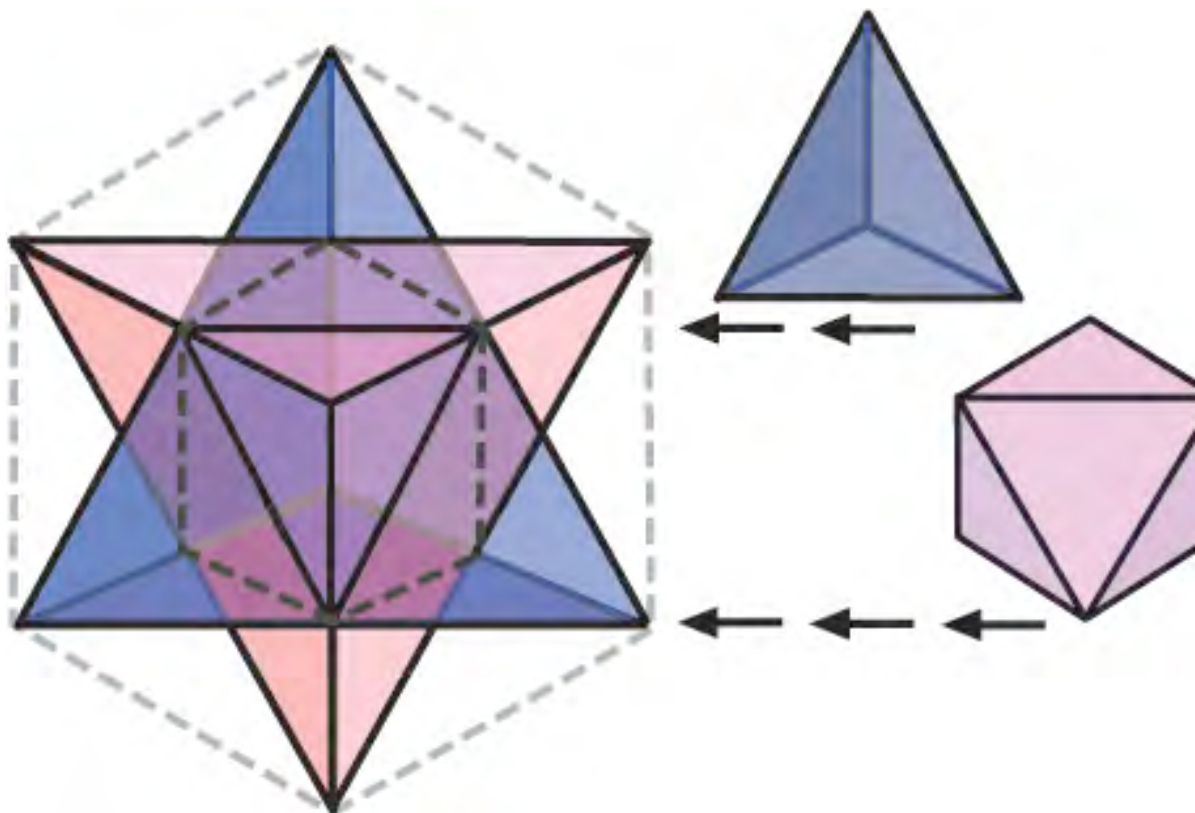


Figure 3.8 – The transition of the octahedron (L) into the star tetrahedron (R).

Each face on the octahedron, which is in the form of an equilateral triangle, (composed entirely of 60-degree internal angles, with each side the same length,) becomes one three-sided tip of a star tetrahedron. As the octahedron has eight sides, you would then need to add eight tetrahedra to its faces. To animate this progression like a cartoon, it would appear that the octahedron was suddenly blooming like a flower; the faces suddenly sprout upwards as the tetrahedra rise into position. [Compare the diagram here with the original harmonic table in order to help visualize this. The top right shape in the diagram shows where one of the eight tetrahedra would be, in terms of position, if it were not attached directly to the octahedron.]

In order to then progress from the fourth dimension to the fifth, you can look at the diagram and easily see how a simple connect-the-dots on the edge points of the star tetrahedron forms the cube. To go from the fifth-dimensional cube to the sixth-dimensional dodecahedron, a further outward expansion is required, where each face of the cube sprouts an inward-slanting "rooftop" in order to turn into the dodecahedron. The "roof" shape that appears is most easily seen in the rectangular area below, whereas the square area would be more akin to an overhead view.

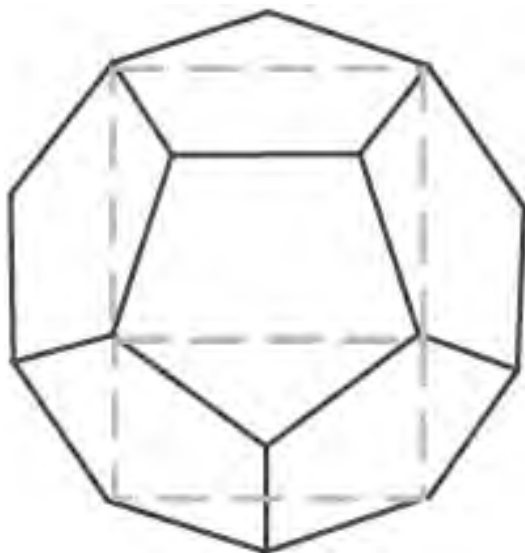


Figure 3.9 – The cube's "nested" position within the dodecahedron.

Then, if you put a dot in the center of each pentagon on the dodecahedron and connect all of the dots together, you will have a series of lines that form five-pointed stars that create the icosahedron shape, the last major node before the return to the Sphere. In short, going back to our original harmonic table again, we can see how the entire progression is a sphere, or a Oneness, expanding into the "seed" or fundamental form of the icosahedron, which then by its structure gives rise to all of the other forms contained therein (Lawlor, 1982.) The "seed" aspect of the icosahedron is why the Hindus associated it with a male god - they were using the metaphor of the semen, or "seed of life."

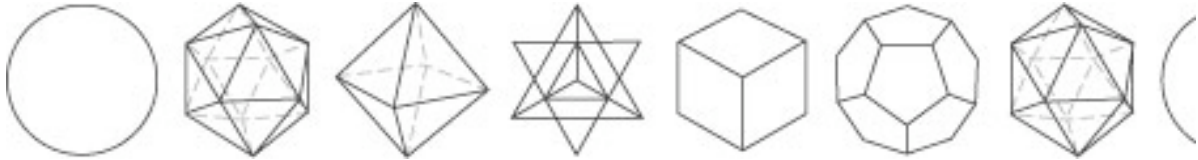


Figure 3.10 – The full hierarchy of geometric shapes that represent the Octave of densities, L-R

What we have here is an understanding of the fact that the shapes formed by these energy vibrations can grow, much in the way that crystals grow.

ALL IS ONE

We shall briefly cover another point that has been a major source of confusion to those reading this book, and attempt to break it down into simpler terms in this revised edition. If you still find it difficult to understand, just be reminded that it isn't an essential point that is needed to understand the physics. In order for the Universe to truly be One, there must be a level where there is no space and no time – where All is Here and Now. Sources such as "Seth" through Jane Roberts tell us that nothing in the Universe really 'exists,' including the aether itself – that all the Universe is expanding and contracting from a single point of Oneness in each and every moment.

So, the many tiny "field bubbles" that make up the fluidlike aether appear to flow around each other when we study their behavior. On one level, this is indeed true, as the experiments of Dr. Nikolai Kozyrev, Nikola Tesla and others have demonstrated, which we will cover in Volume III. On another level, we must remember that the amplitude of the spherical wave shows us that the "zero point" of the wave is indeed right in the center, meaning that the wave itself is constantly expanding and collapsing from a single point. Think of a balloon that is constantly inflating and deflating from a very tiny point to a very large sphere. At the highest level of vibration, all of the energy in the sphere is contained within the central point. Though this does seem confusing, various sources such as Seth and Ra tell us that all of those single points are actually joined together in Oneness – that there is only one single point that all is emanating from. This is another way that we can understand that we do have a perfect "spark" of the One Infinite Creator within ourselves.

If this is true, and we have every reason to believe that it is, then each of the geometric shapes that we have discussed must be continually present, at their own frequency, in every "consciousness unit" or field bubble in the entire Universe. Roughly speaking, every energy form is pulsating from a point, through the icosahedron, into the octahedron, to the star tetrahedron, to the cube, to the dodecahedron, again to the icosahedron, and again back into the sphere or point once more. This is the only way we can explain that Seth would tell us, loosely paraphrased, that "your entire reality system is "off" as much as it is "on," and you simply do not vibrate quickly enough to see what is in between the gaps." Another analogy that we have used is the idea of a filmstrip. The actual filmstrip in a movie camera is a series of still pictures that are separated from each other, but when we watch them fast enough, they form "moving pictures," or "movies."

So, the spherical energy that forms the Universe itself could be seen to vibrate through all the different shapes at mind-numbing speeds, forever expanding from a single point out to form the boundaries of space and time as

we know it and then compressing back into that space yet again just as quickly. Although it seems almost impossible to conceive of our entire universe as crumpling up into a single point over and over again at speeds too fast to measure, this is exactly what is happening, say sources such as Ra. Since all of physical reality is ultimately nothing but conscious energy in vibration, each density would then have the illusion of only existing at one level in this energetic system. In fact, all of the densities are interpenetrable, and the vibrations from higher densities will exert measurable stresses in space and time here in the third. Among other things, this forms the basis for the Global Grid, which we will examine in future chapters.

CHAPTER 04: THE BREATH OF THE DIVINE AND SUPERSTRING THEORY

CHAPTER 04: THE BREATH OF THE DIVINE AND "SUPERSTRING THEORY"

This author's first understanding of this pulsating movement of aether known as the "Breath of the Divine" or "Breath of the Compassionate" came from a passage that fellow researcher Joe Mason (www.greatdreams.com) read him out of a book on the first night that they shared information, November 9-10, 1996. This conversation directly led to Wilcock's first telepathic breakthrough to Higher Intelligence the next morning, which started an entirely new life as the "veil" was lifted. Mason graciously supplied us with these next two paragraphs to illustrate the example of this geometric breath that he uncovered.

The late Walter Russell, who was an artist and scientist located in Waynesboro, Virginia, had a published reading on pg. 165 in the book "Channeling" by John Klimo. Russell claimed that the messages came from "God," and that they gave him an understanding of how the basic universal forces of electromagnetism, gravity, and atomic energy really operate. Let's hear what God has to say, from an excerpt first published in 1947:

"In My universe there is but one form from which all forms appear. That one form is the pulsing cube-sphere, two halves of the heartbeat of My dual thinking. All forms pulse, therefore, all forms are two, one form for the inbreathing pulse, which generates, and one for the outbreathing, radiating one. The cube is the sphere expanded by the outward breath to black rest in cold space, and the sphere is the cube compressed to the incandescence of white-hot suns by the inward breath."

Walter Russell was clearly way ahead of his time, as in the early 20th century he experienced 39 days of "illumination" where he could see how the Universe really worked. Many students of Russell's work are delighted to see that we have continued along similar lines, drawing upon many new findings that were not available at his time, and we attended his surviving organization's "Metascience and Cosmic Consciousness" conference in 2000. The website for this group, the University of Science and Philosophy, is www.philosophy.org. The author is also happy to have met John Klimo, the author of the book "Channeling," in 2002 at the US Psychotronics Association conference, where Wilcock was a well-received speaker and workshop presenter. Klimo has recently done a dramatic revision and updating of this classic text, still often considered to be required reading for those who wish to learn about channeling.

If we examine the above excerpt, we again have the psychic suggestion that the entire Universe is continually pulsating from the spherical "incandescence of white-hot suns" to the cubical "black rest of cold space." Although this particular passage does not intimate the speed with which this pulsation is occurring, sources such as Seth and Ra fill in the gaps. And therefore, from this little-known psychic source from the early to mid-twentieth century, we have another contact with a Higher Intelligence that was attempting to reveal to us the hidden harmonic code of the progression of densities. The quote above expresses the heart of the story, without going into all the technical

detail regarding the different shapes making up the Octave. The Ra contact did not name the actual shapes either, as they explained that it is very difficult for them to use words that are not already stored within the channel's conscious or subconscious mind. Looking at Russell's quote, we can see that even without the extra geometries added in, there are very close similarities to the Hindu story of Purusha and Prakriti. Again, we have the masculine and feminine forces dancing in an eternal pulsating rhythm with each other, representing what Russell's source called the "two halves of the heartbeat of My dual thinking." (It is important to point out that some of Russell's diagrams, such as in the book *Atomic Suicide?*, do show the other Platonic Solids as well.)

An even more direct example of this energetic behavior comes from the highly respected book *The Seth Material*, brought through by Jane Roberts in 1971. Roberts claimed to be in contact with an entity who called itself Seth and said that it was from the fifth dimension. In *The Seth Material* there is ample evidence given for Seth's high intelligence and capabilities, as he could perform psychic "parlor tricks" such as reading the contents in sealed envelopes, and at one point he also led a very high-level philosophical discussion with a tenacious college professor who was determined to "debunk" the contact. The professor repeatedly referred to ancient metaphors and abstract philosophical concepts that only a graduate philosophy student would have known, and Seth was consistently aware of exactly where the professor was going and provided quite the intellectual challenge point-for-point. Furthermore, at various times Seth was actually capable of creating visual holographic images of himself or other related phenomena, as well as being able to alter the consciousness of others in the room to a trance-like state if he so chose.

In *The Seth Material*, a picture of Seth is drawn as he appeared in apparition form in front of one of Roberts' friends during a session. The large bald head and black eyes is almost stunningly reminiscent of the Grey features that would become so commonplace more than 15 years later, with the advent of "Communion" by Whitley Strieber.

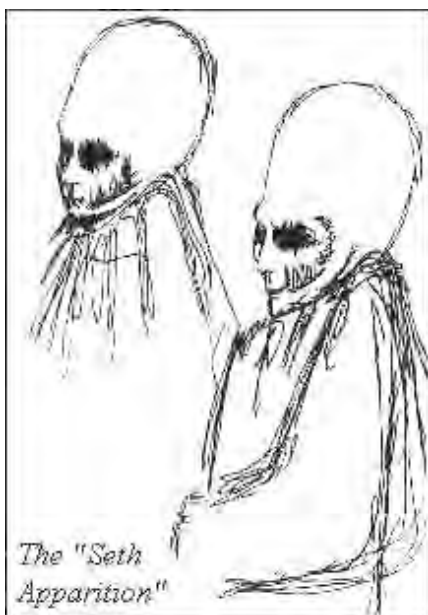


Figure 4.1 – The appearance of "Seth" in 1969 as seen by an associate of

Jane Roberts.

Again, this apparition was an actual visual manifestation that occurred in the room during one of Jane Roberts' trances, as the reading itself talked them through the experience. While Robert Butts continued to transcribe Seth's words, William Cameron Macdonnel sketched the entity. Seth later commented that the head Bill had drawn was too tall, and lowering the height of the skull would only make the apparition look even more like a typical Gray – though this was way before such images were popular. Says Seth, in our quote from Jane Roberts' book:

"[This picture] represents the appearance that these abilities of mine take on when closely connected with the physical plane. This does not necessarily mean that in all planes I have the same image. It is the first such representation of me, and I am quite fond of it..."

[Note: Roberts then includes the following information:]

...Seth explained that the apparition's appearance was distorted by Bill's own ideas, though. The high forehead represented Bill's interpretation of great intelligence, for example. Bill interpreted the available data in his own way: this was the Seth that Bill saw, regardless of Seth's own appearance.

Now, this enigmatic image has filtered its way through the collective consciousness of humanity, largely through the efforts of Whitley Strieber and his groundbreaking work "Communion." It is quite stunning to realize that at the time that this apparition was first seen in 1969, the "Summer of Love," almost no one was aware of this facial morphology as being related to extraterrestrials. Now, were the event to have happened again, Seth would probably look even more like a typical Gray than he did here, due to the effect that a human's perception has on the actual image itself.

The most extraordinary aspect of this body of material is that Seth dictated a number of full-length books from 1971 to the mid-1980's, entirely through the repeated sessions with Jane Roberts and her husband Robert Butts. Even if Jane left the Seth work for months at a time and never read the transcripts of any of the sessions, Seth would pick up right where he left off as soon as she went back into trance. There may not be a single other contact yet that has generated entire books, with themes that build up from chapter to chapter, through psychic readings in such a reliable and consistent fashion.

Seth identifies himself to us as a male entity, and the material does not have the rigid scientific and linguistic structure of the Law of One / Ra Material. Being a full level of density lower than Ra, Seth has much more creative license to use an entertaining dry wit in his writing. The Seth books are practically unparalleled, in terms of the strength and accuracy of a fifth-dimensional contact. Again, contacts such as the Cayce Readings and the Ra Material do originate from even higher levels such as 6,7 and even the Akasha, or the Octave, but the Seth Material is definitely in a league by itself with its crystal-clear contact to the fifth density. Furthermore, as you study the Law of One series from Ra and learn the characteristics of fifth-density entities, you can clearly see where Seth's shortcomings lie. According to Ra, the fifth-density is focused on wisdom, and the graduation to sixth-density does not come until pure compassion is fused back together with that wisdom.

Ra constantly speaks reverently of the Law of One and the importance of compassion, whereas it is clear to see that Seth is very deeply involved with explaining as much of the universal wisdom as he possibly can. In our opinion, the "thirst for God" doesn't seem to be present in the Seth Material to anywhere near the degree that it is in the Law of One series, and this certainly could relate to Roberts' natural personality, which was essentially non-religious and skeptical, as opposed to Carla's natural personality, which is very religious and spiritually-driven.

Because the wisdom of Seth is so vitally essential to understanding our propositions, we will take a look at two extended sessions that will help us understand everything we have gone into so far. As we read these sessions, it is very important to realize that on the conscious level, Jane Roberts was by no means schooled enough in science to have been able to construct such a model of physics on her own, as was the case with Carla Rueckert. The first session that we will investigate is described in The Seth Material as being the "first time Seth really 'came through' as a definite other personality, laughing and joking." (Pg. 38.) Seth used this particular session as a form of encouragement for Jane and Robert to continue working with him, as Jane had become disillusioned with the strangeness of what was happening to her and wanted to try to shut it down. The contact had originally started through a series of Ouija-board sessions, but as time went on Jane became more and more aware that whole words and sentences were coming into her mind very clearly before the pointer ever spelled them out. In the beginning, she was so disconcerted with what was happening to her that she would pace the room, one hand on her forehead and eyes wide open, as she spoke for Seth.

Since this was taking a great toll on Jane's sense of normalcy, she really wanted to quit, but on this day, "The session so aroused our intellectual and intuitional curiosity that all thoughts of discontinuing went out the window." (Pg. 38.) Remember now that Seth is describing how these individual spheres of consciousness are all interconnected into a unified web, fitting together to form universes.

Let us also remind the reader that Seth's readings on this subject will take on profound implications when we compare them with the most recent discoveries of modern physics. As we will see in future chapters, Seth clearly was tapping into the truth of "how things work" before the physicists began to understand it. So now, relax and enjoy yourself as we journey through these mind-bending readings. The italics are our own.

Consider a network of wires, a maze of interlocking wires endlessly constructed so that looking through them there would seem to be no beginning or end. Your plane [or density or dimension] could be likened to a small position between four very spindly wires, and my plane could be likened to the small position in the neighboring wires on the other side. Not only are we on different sides of the same wires, but we are at the same time above or below, according to your viewpoint. And if you consider the wires as forming cubes - this is for you, Joseph*, with your love of images - then the cubes could also fit one within the other, without disturbing the inhabitants of either cube one iota. And these cubes are themselves within cubes, and I am speaking now only of the small particle of space taken up by your plane and mine.

[Seth's reference to "cubes" would be accurate for his own dimension, but in ours it would obviously be the octahedron. So, he is clearly simplifying the material in order to make his point.

*Seth referred to Robert as "Joseph," as apparently where Seth resided, this was Robert's "true name." Similarly, Jane was assigned a masculine "true self" name of Ruburt, as we shall see a few paragraphs below.]

Again think in terms of your plane, bounded by its small spindly set of wires, and my plane on the other side. These, as I have said, have boundless solidarity and depth, yet to one side, the other is transparent. You cannot see through, but the two planes move through each other constantly. I hope you see what I have done here. I have initiated the idea of motion, for true transparency is not the ability to see through, but to move through.

This is what I mean by fifth dimension. Now, remove the structure of the wires and cubes. Things behave as if the wires and cubes existed, but these were only constructions necessary even to those on my plane... We construct images consistent with the senses we happen to have. We merely construct imaginary lines to walk on.

[Indeed, in coming chapters we will see this same point made through the work of Bruce Cathie, where he discovered that the fifth-density cube shape was a Global Grid system that was being used for navigation by a wide variety of UFOs that were sighted. Furthermore, Seth's comments reveal to us that these geometries are not 'real' as we would normally think - they are simply a different way of expressing a harmonic frequency of vibrating energy. The only thing that is truly 'real' is that One Energy itself, as the lines simply represent stress points in that energy, where it is more concentrated.]

So real are the wall constructions of your room that you would freeze in winter without them, yet [in the truest universal sense] there is no room and there are no walls. So, in a like manner, the wires that we constructed are real, though there are no wires. The walls of your room are transparent to me, though I am not sure I would perform, dear Joseph and Ruburt, for a party demonstration.

Nevertheless, those walls are transparent. So are the wires, but for practical purposes we must behave as if both were there. . . . Again if you will consider our maze of wires, I will ask you to imagine them filling up everything that is, with your plane and my plane like two small bird's nests in the nestlike fabric of some gigantic tree.

Consider that these wires are mobile, constantly trembling, and also alive, in that they not only carry the stuff of the universe but are themselves projections of it, and you will see how difficult this is to explain. Nor can I blame you for growing tired, when after asking you to imagine this strange structure, I then insist that you tear it apart, for it is no more to be actually seen or touched than is the buzzing of a million invisible bees.

Once again we are finding consistency in the extraterrestrial reports regarding this complex harmonic energy structure in the Universe. So, as Seth appears almost indistinguishable from the classic image of the Grays, it is not hard to infer that Seth is giving us a precise description of how some of our visitors

perform their interdimensional travel. Essentially, Seth is telling us that they are using these energetic harmonic structures for navigation, and that they are both formed from and carriers of intelligent energy at the same time. Seth makes it quite clear that the shape he is working with here is the cube, which corresponds perfectly to his being a fifth-density being, in light of the Vedic model of geometry. Obviously, the other shapes are not mentioned, but as Jane says before the quotation, "We had no idea that it was actually a highly simplified explanation, cleverly geared to our own level of understanding at the time. It made a tremendous impression on us nonetheless."

SUPERSTRING THEORY

Further enhancing the validity of this contact, Seth's 1969 essay gives a precise description of the "Superstring Theory" of modern physics, which did not fully come about until the mid-1980's. Dr. Michio Kaku's book *Hyperspace* is the simplest and most well known resource for introducing us to this complicated new theory. Early along in the book, Kaku mentions that Superstring Theory first came about from physicists who grappled with a large and fundamental problem in physics, which we have already touched upon briefly. That fundamental problem was the fact that a "photon" of light can be clearly shown to possess the properties of a wave, even when our contemporary models would not provide any background energy in the Universe that such waves could travel through. (We remind the reader that Zero-Point Energy and "aether" theories have filled this gap, and are becoming more and more widely accepted.) Explaining this point in greater detail, Dr. Kaku says,

But if light were a wave, then it would require something to be 'waving.' Sound waves require air, water waves require water, but since there is nothing to wave in a vacuum (though light still travels through it with ease,) we have a paradox. How can light be a wave if there is nothing to wave?

Again, the premise of our model is that the "waves" themselves are traveling through this fantastic concentration of "background" aether energy that exists throughout the Universe. As we continue in *Hyperspace*, Kaku then describes the shock he encountered when discovering Kaluza-Klein theory, which directly paved the way for an understanding of what was going on:

Since the theory was considered to be a wild speculation, it was never taught in graduate school; so young physicists are left to discover it quite by accident in their casual readings. This alternative theory gave the simplest explanation of light; that it was really a vibration of the fifth dimension, or what used to be called the fourth dimension by the mystics. If light could travel through a vacuum, it was because the vacuum itself was vibrating, because the "vacuum" really existed in four dimensions of space and one of time. By adding the fifth dimension, the force of gravity and light could be unified in a startlingly simple way...

So, it is clear that the Kaluza-Klein theory required there to be some form of background energy source in the "vacuum." Kaku briefly describes how the Superstring model helped iron out the conceptual problems that the Kaluza-Klein theory introduced, and after this explanation he continues (*italics added*):

Many of the world's leading physicists now believe that dimensions beyond the usual four of space and time might exist... Indeed, many theoretical physicists now believe that higher dimensions may be the decisive step in creating a comprehensive theory that unites the laws of nature; a theory of hyperspace. If it proves to be correct, then future historians of science may well record that one of the great conceptual revolutions in twentieth-century science was the realization that hyperspace may be the key to unlock the deepest secrets of nature and Creation itself... (pg. 9.)

The extraterrestrial information strongly favors the idea that these 'strings' are in fact waves of frequency that travel through the 'aether,' which Russian scientists call "torsion fields." This is slightly different from Superstring Theory, as Kaku and others would visualize the universe actually built up solely from these strings. The ancient Atlantean / Ra model sees the "strings" as simply being waves in an aetheric medium. Later in the book, Dr. Kaku explains this theory further, pointing out how much it helps to explain:

String theory answers a series of puzzling questions about particles, such as why there are so many of them in nature. The deeper we probe into the nature of subatomic particles, the more particles we find. The current "zoo" of subatomic particles numbers several hundred and their properties fill entire volumes.... String theory answers this question because the string, about 100 billion billion times smaller than a proton, is vibrating; each mode of vibration represents a distinct resonance or particle. The string is so incredibly tiny that, from a distance, a resonance of a string and a particle are indistinguishable. Only when we somehow magnify the particle can we see that it is not a point at all, but a mode of a vibrating string.

In this picture, each subatomic particle corresponds to a distinct resonance that vibrates only at a distinct frequency.

Essentially, in this above passage, we can clearly see that when Seth says, "Consider that these wires are mobile, constantly trembling, and also alive," he was giving an even more complete hyperdimensional model that was about fifteen years ahead of this cutting-edge modern physics theory, which Kaku describes as "21st century physics dropped into the hands of the 20th century." Plus, Seth was speaking through Jane Roberts, who was by no means a physicist and obviously had not the slightest clue that the obscure foundation of Kaluza-Klein theory ever existed.

Although the foundations of Superstring Theory certainly aid tremendously in legitimizing the Octave model of energy densities or dimensions, we still have a problem, in that Kaku's book clearly states that the physicists have mathematically "proven" that there have to be at least 10, and possibly 26 dimensions in the universe. Ra and other sources insist that all of the dimensions are unified as an Octave of eight densities of vibrating "intelligent energy," and therefore the 10-dimensional model is just a bit too high. But before we dismiss Ra's words as disproven, we must look carefully, as this number shows up in quite directly Kaku's book as well.

Thus, in the next chapter we will uncover the impossible -- a direct connection between the physics work of Dr. Kaku and our metaphysical idea of the dimensions being structured in an octave form. Many, many psychic sources including Cayce, Ra and Scallion are unanimous in stating this, including

Wilcock's own, before he was even aware of what exactly he was being told. What should impress us even more will be that Srinivasa Ramanujan, the mathematician whose equations set the entire model for modern "string theory," was apparently using quite similar mystical techniques to those of Seth, Ra and others to gain his findings. Even though such techniques might seem to be completely scientifically unacceptable, no one in mainstream science can deny the outstanding importance of Ramanujan's mathematical concepts. Although his findings were embraced, no further research was done to determine how he came about receiving them in his trance states. Therefore, we will refer to Ramanujan, this enigmatic figure, as the "Edgar Cayce of Physics."

CHAPTER 05: SCIENTIFIC ARGUMENTS FOR AN OCTAVE OF DIMENSIONS

CHAPTER 05: SCIENTIFIC ARGUMENTS FOR AN "OCTAVE" OF DIMENSIONS

In *Hyperspace*, Dr. Kaku describes the life of an enterprising young mathematician from India known as Srinivasa Ramanujan. The equations that Ramanujan came up with are still considered to be the most important parts of creating a model for the higher dimensions, including how many dimensions there must be. If the Octave model of Ra and the ancient mystery schools is indeed accurate, then the best mathematical proof we could ever hope to find would be if Ramanujan's equations also added up to there being eight dimensions – and this is exactly what we find. Remember, now, that Ramanujan is from India, and this is the country where all the Vedic texts were written, as it was the original host to the Rama Empire. Let us also remember that the ancient texts have already given us a solution for the puzzle of how we can integrate five Platonic Solids and the sphere into an Octave of eight geometries. The mystery only deepens when we learn how Ramanujan got his information: as Kaku writes, "Ramanujan used to say that the goddess of Namakkal inspired him with the formulae in dreams."

In *Hyperspace*, Dr. Kaku states the following about this exceptional man. It is not important for us to understand every term that Kaku uses, just the overall message that he is giving us about what Ramanujan discovered:

Srinivasa Ramanujan was the strangest man in all of mathematics, probably in the entire history of science. He has been compared to a bursting supernova, illuminating the darkest, most profound corners of mathematics, before being tragically struck down by tuberculosis at the age of 33, like Riemann before him. Working in total isolation from the main currents of his field, he was able to rederive 100 years' worth of Western mathematics on his own. The tragedy of his life is that much of his work was wasted rediscovering known mathematics. Scattered throughout the obscure equations in his notebooks are these modular functions, which are among the strangest ever found...

In the work of Ramanujan, [i.e. the modular functions,] the number 24 (8×3) appears repeatedly. This is an example of what mathematicians call magic numbers, which continually appear where we least expect them, for reasons that no one understands. Miraculously, Ramanujan's function also appears in string theory... In string theory, each of the 24 modes in the Ramanujan function corresponds to a physical vibration of the string...

When the Ramanujan function is generalized, the number 24 is replaced by the number 8. Thus, the critical number for the superstring is $8 + 2$, or 10. This is the origin of the tenth dimension. The string vibrates in ten dimensions because it requires these generalized Ramanujan functions (based on the number 8) in order to remain self-consistent. In other words, physicists have not the slightest understanding of why ten and 26 dimensions are singled out as the dimension of the string.

[Now read the next sentence carefully, and remember that this is being spoken by a highly regarded mainstream scientific authority figure:]

It's as though there is some kind of deep numerology being manifested in these functions that no one understands...

In the final analysis, the origin of the ten-dimensional theory is as mysterious as Ramanujan himself. When asked by audiences why nature might exist in ten dimensions, physicists are forced to answer, "We don't know." [emphasis added]

As we progress, we will explain why modern physicists have added two more dimensions to Ramanujan's elegant eight-dimensional model. But for now we will continue exploring this front-runner of future science. After years of seclusion, Ramanujan was finally able to get some attention in the Western world regarding his abilities. This came about through a letter that Ramanujan wrote, which found its way to "the brilliant Cambridge mathematician Godfrey H. Hardy."

...The letter from the poor Madras clerk contained theorems that were totally unknown to Western mathematicians. In all, it contained 120 theorems. Hardy was stunned. He recalled that proving some of these theorems 'defeated me completely.' He recalled, "I had never seen anything in the least like them before. A single look at them is enough to show that they could only be written down by a mathematician of the highest class.

[Interestingly, the number 120 is very fundamental to harmonic theory, as it represents a musical frequency or vibration. It is very possible that all 120 are important for a unified model, such was the way that Ramanujan's mind worked. Since the aether's behavior is entirely based on vibration, it is not surprising to see that Ramanujan had 120 theorems in his letter – as this number has many, many divisors, and thus there is a great deal of 'vibration' within the number – which we will explain in later chapters.]

Kaku then describes how the Cambridge mathematician Hardy and Ramanujan began working together, and then says,

Unfortunately, neither Hardy nor Ramanujan seemed interested in the psychology or thinking process by which Ramanujan discovered these incredible theorems, especially when this flood of material came pouring out of his "dreams" with such frequency. Hardy noted, "It seemed ridiculous to worry him about how he had found this or that known theorem, when he was showing me half a dozen new ones almost every day." [emphasis added]

Kaku then describes a scene that took place between Hardy and Ramanujan, which to the metaphysical reader seems to be a classic case of psychic power.

Hardy vividly recalled, "I remember going to see him once when he was lying ill in Putney. I had ridden in taxi - cab No. 1729, and remarked that the number seemed to be rather a dull one, and that I hoped that it was not an unfavorable omen. "No," he replied, "it is a very interesting number; it is the smallest number expressible as a sum of two cubes in two different ways."

(It is the sum of $1 \times 1 \times 1$ and $12 \times 12 \times 12$, and also the sum of $9 \times 9 \times 9$ and $10 \times 10 \times 10$.) On the spot, he could recite complex theorems in arithmetic that would require a modern computer to prove.

[It is quite interesting to note here that 9 and 12 are the fundamental numbers that we will keep working with in the frequency cycles of our harmonic Universe.]

INTUITIVE BURNOUT

In the next paragraph, we receive information about Ramanujan's health. At first, our inclusion of this information may seem tangential and unrelated to the point, but actually it is not. It seems that for a person to work with these higher psychic energies, they need to be extremely well grounded. The work can take a tremendous toll on their lives, even leading to death.

Always in poor health, the austerity of the war-torn British economy prevented Ramanujan from maintaining his strict vegetarian diet, and he was constantly in and out of sanitariums. After collaborating with Hardy for 3 years, Ramanujan fell ill and never recovered. World War I interrupted travel between England and India, and in 1919 he finally managed to return home, where he died a year later. (Pg. 176.)

The story of the death of Ramanujan does closely parallel the story of many psychics. It is quite common in abduction literature, Eastern mystical arts and psychic circles for vegetarian diets to be a necessary component to achieving contact with higher dimensions. The author's own Higher Self insists upon this, and in the case of the "awakening" of well-known psychic Gordon Michael Scallion, he suddenly found that could not eat the foods outside of the diet without getting violently, physically ill. The extraterrestrials working with Whitley Strieber told him in the book Transformation that he would physically die if he didn't follow the diet that he was given, which centered around the need to give up refined sugar.

In fact, in *We, The Arcturians*, a series of channeled works by Dr. Norma Milanovich that closely parallels the material in the Seth and Ra books, we find this same information:

The physical bodies need to be tuned occasionally and we find this is the weakest of all three areas. In humans this is sometimes the most abused body also. We see that your ingestion process includes many items that do not quicken the vibration, but instead actually retard it. Such items are those of your animal life forms, sugars, and white flours. These are not harmful to the body, as such. They are only harmful to the vibrational increase. When you do not know that you need fuel for the increased frequency, then the foods you consume do not bother you. When you are on an accelerated path, the foods that you consume can either make or break your energy patterns. In fact, there are presently many Beings on your planet that can tolerate only the consumption of the highest forms of energy.

[Incidentally, Dr. Milanovich's sources repeatedly refer to an octave of dimensions, as do Scallion's. The "Arcturians" also model the Universe on what they call "liquid light."]

So in essence, bad diet and intuitive burnout killed Ramanujan. This closely parallels the story of Edgar Cayce, the well known American psychic. Cayce performed in-depth psychic readings for many people, which had an

unparalleled accuracy, giving him the oft-quoted status as "America's Greatest Psychic." Once in trance, Cayce could medically diagnose people at a distance whom he had never met, and prescribe accurate herbal treatments that neither he nor anyone else had previously heard of. The more popular that Cayce became, the more readings he did, and his health quickly deteriorated as a result. His sources also laid out a complex dietary set of guidelines, and Cayce continually flaunted them, refusing to stop smoking cigarettes, drinking coffee and eating the pork chops that he loved. Though his sources urged him to curtail his work, which eventually reached up to eight deep-unconscious-trance readings a day, he never did, and he died of burnout as a result.

The same basic effects took their toll upon Jane Roberts, as she was unable to stop drinking beer and smoking cigarettes and passed away before her time. The out-of-body traveler Robert Monroe also seemed to become overly disconnected from his physical body, according to some we have spoken with who met him in person before his death. The Ra contact almost destroyed Carla Rueckert's health completely, and it took her years to recover. Lastly, the story of Paul Solomon, another deep trance psychic in the Cayce tradition, is curiously similar as well.

In the Law of One series, Ra explains this problem by saying that the more that the spiritual body of a human being travels into the higher realms, the more its level of aetheric vibration increases. If the physical body is not also kept "up to speed" with rigorous dietetic and exercise practices, then the normal connection between the body and Spirit becomes increasingly strained. Ultimately, if not taken care of, this leads to the premature death of the physical body. As Carla, the channel for Ra, has stated in private interviews with Wilcock, "To truly do this work, it takes a life." He agreed, as his own contacts are extremely strict about diet, exercise and health in general, and all of his waking and sleeping hours are dedicated to his purpose -- no time is "wasted," and even recreational activities must be carefully planned out and scheduled. No television or other mind-altering substances are to be found in his 'physical intake' of the world.

With regards to the energy transition that is occurring on the planet in general at this time, it is wise for everyone to make a stronger effort to obey the principles of a healthy diet. However, it doesn't become truly life-threatening unless a person is deeply involved with trance work in some form or another, and even then it is really not that difficult to teach oneself to stop craving certain unhealthy foods and to stretch and take regular walks.

THE OCTAVE-BASED REVELATIONS OF RAMANUJAN

And so, it is easy to see that such apparent miracles as Ramanujan's calculations of the harmonics behind the taxicab number 1729 were not being done solely in his thinking mind, but were actually coming through a trance state. In this state, he had access to a realm of pure information and knowledge, which would then provide the answers that he desired. It also took the same toll on him as it has for other pioneers who have not yet enjoyed mainstream acceptance.

If there were no proof to believe that Ramanujan could get data like this, then a skeptic could just brush it off as coincidence. However, the author has completely, redundantly proven to himself and to others that psychic

techniques such as those used by Ra and Seth are able to access information, such as future prophecies and scientific data, in ways that can later be proven to be valid. Ramanujan is really a front-runner, in the sense that he used these abilities to make scientific advances. It is obvious that such techniques will become much more common as public awareness continues to expand.

Again, we now return to the problem that we have in harmonizing our theory with the physicists, in that they have apparently deemed it necessary to add two more dimensions, for a total of ten. Digging into footnote number 13 on page 346 at the back of *Hyperspace*, Kaku says that the two additional dimensions are added in order to "preserve the symmetry of the string." He then says,

However, two of these vibratory modes can be removed when we break the symmetry of the string, leaving us with 24 vibratory modes, which are the ones that appear in the Ramanujan function.

If you haven't been paying close attention to this discussion so far, please read this paragraph carefully: What Kaku is telling us is that two extra dimensions were added to Ramanujan's equations because the physicists feel that the strings could only vibrate if they are symmetrical. This is something that was "added on" to Ramanujan's data after-the-fact. So, given the nature of Ramanujan's extreme mathematical genius, coupled with an extremely legitimate psychic contact, they obviously did not feel that such "symmetry" was needed, or else these numbers would have been included in the work. Our latest research on this topic suggests two different reasons for why this "added symmetry" may be a mistake: One, the missing symmetry is probably explained by the 'zero-point energy' that actually exists between the so-called 'strings,' which are actually nothing more than waves within this unified energy; and Two, the Superstring physicists were not aware of the basic geometries that are formed when the aether vibrates. No extra dimensions are needed; they simply come into being by the "magic" of vibration.

DR. TONY SMITH: AN OCTAVE OF DIMENSIONS, BUILT ON PLATONIC SOLIDS

More recent physics from Tony Smith, freely available on the Internet for those who can understand them, (as they are extremely complicated, draw extensively on the reader's foreknowledge of advanced scientific jargon and are therefore almost completely unintelligible to the non-technical reader,) do indeed reveal an elegant, Octave-based "eight-dimensional spacetime" model, which depends entirely on "Platonic Solid" geometries. Here we will cover the extreme basics of this model, which Smith and other specialists refer to as S3#, a rather dull-sounding and "Godless" name. It is interesting to note that Smith is open-minded enough to incorporate non-traditional sources of information into his investigations, such as material from the ancient Mayan Calendar and the channeling work of Krsanna Duran, who claims to be in touch with beings from a planetary system around the star Sirius. So, we begin with Smith telling us what the geometry of this Octave model of "dimensions" actually looks like:

WHAT DOES S3# LOOK LIKE? Here are some images from the WWW pages of Richard Hawkins, [www.newciv.org/Synergetic_Geometry], who calls S3# the Mayan Time Star. His pages contain many more images and movies that help you understand how S3# looks, and also how a lot of other things look.

What we can see here is that Smith feels that the geometry of this Octave model can be found in the work of Richard Hawkins, through what he calls the "Mayan Time Star." So, let's next visit some of Richard Hawkins' website for context.

GEOMETRY IN TIME: THE 'MAYAN TIME STAR' FORMATION

In this next excerpt, Hawkins discusses this Mayan Time Star model directly, showing his belief that there can be energetic structures in time that correspond to the Platonic geometries. We will learn more about this as we proceed into the later chapters of this first volume:

The TimeStar of the Maya is 5 interpenetrating tetrahedra whose vertices [tips] lie on the 20 faces of an icosahedron. [See Figure 5.1.] According to Jose Arguelles, time is symbolized by a tetrahedron.

[Note: We can actually back this statement up with the work of WD Gann and Bradley Cowan, as we will see later in this volume.]

The 260-day sacred calendar of the Maya, which consisted of five 52-day cycles, is symbolized by five tetrahedra. Five tetrahedra have a total of 20 points [as each tetrahedron has four corners – three at the base and one at the top.] One of the basic numbers of the Mayan calendar is 20. The Earth's internal geometry and the solar-lunar cycles were represented by the 20 points of the TimeStar (five interpenetrated tetrahedra) and in the sacred cycle of the Maya.

Compare Plato's most complex solid, the icosahedron, which is comprised of 20 faces centered on the points of the five interpenetrated tetrahedra. [emphasis added]

It is important to realize that what we are seeing here is that you can take five tetrahedrons and stick them together in such a way that when you play connect-the-dots between their points, you will naturally form the icosahedron, and / or the dodecahedron, as the two are closely related. (See Figure 5.1 below.) This is another surprising way in which we see the symmetry between the different shapes. Even more interesting is the fact that these five tetrahedrons, when combined, give us all the needed coordinates to build any of the five Platonic Solids directly. And even more interesting yet is that this idea first came from Krsanna Duran, who claimed to have channeled it, and it subsequently triggered the interest of physicist Gerald de Jong, who then modeled her ideas on a computer and discovered that she was right. Again, it is very unlikely that Duran could have figured this out on her own, or would have had any motive or desire to do so – it took one of the few specialists in the world who actually understands higher-dimensional geometry to verify and model what her source had said. We will read more about this in the next excerpt below – and first we will give some background to explain this curious concept.

Space and time are unified in our model, which can be confusing at first. When we think of time, we can think of certain events that are created as we move through layers of aetheric energy density. One of our premises is that the planets are held in place by spheres of aetheric energy at a certain

density level. Since we have multiple planets in the Solar System, we also have “spheres within spheres” holding them in place – spheres which are nested inside of each other like the layers of an onion or the Russian “nested dolls” toy called the *Mastrioshka*. There will always be a series of ‘nested spheres’ no matter where we look at these energy fields, including the human aura. As documented in the first Edgar Cayce book “There is a River,” the Edgar Cayce Readings once said that Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus and Neptune now correspond to the eight dimensions or densities – we know that Pluto isn’t in fact a “full” planet but rather a “planetesimal” due to its tiny size.

So, in Ra’s model, each planet travels along the edge of a spherical energy field, which holds the planet in place. Rotating energy fields continually emanating from the Sun, which look like ever-expanding flower petals, are what drive the planets along. The current models of why and how the planets revolve around the Sun are vastly inadequate, as the Sun contains fully 99.86 percent of the entire mass of the Solar System – so if we were only dealing with Newtonian gravity, the planets should have crashed into the Sun a long, long time ago, since it is much more massive than they are. Remember that we are discussing invisible energy structures, but they can indeed be detected with the proper instruments – and they often do have subtle magnetic energy signatures. The “flower petals” we are referring to are seen in what NASA has named the Parker Spiral, for example.

So then you ask, “OK, so if each planet is supposedly orbiting around a sphere, then why are the orbits not perfect circles, but rather stretched out into ellipses?” Good question! The planetary orbits become elliptical as these spheres are slightly flattened as the Solar System moves through the “local interstellar medium” or LISM of our Galaxy. So, the spheres that hold the planets in place must also have a certain underlying geometry in them, caused by vibration of the aether. Then, as our Earth orbits the Sun, we pass through various geometric structures created by these different ‘nested’ spheres. As the Earth gets closer to a line or a node of any of these geometries, the intensity of aetheric energy that we will feel on Earth increases – and this has a direct effect on consciousness. If you think that this has something to do with astrology, you’re right... but that data will come later.

It is also important to remember that Ra tells us that the Sun has all of the eight densities within itself. This gives us a strong clue that there must be at least eight levels of density inside of the Sun, which would be layered inside of each other like an onion. Of course, each of these density layers would also have its own geometric structure. And when we remember that each density has seven sub-densities, and so on, we can see that the Sun would need to have a deeply multi-layered structure inside of it for this model to “work.” This is exactly what Dr. Oliver Crane suggests in his breakthrough paper, *Central Oscillator and the Space-Time Quanta Medium*, which we will discuss in Volume III.

We apologize in advance for the complexity of the next two paragraphs as we attempt to explain the mystery of the Mayan Time Star. We can now consider this very intriguing possibility that all of the Mayan Calendar cycles may actually be clocking out the movement of geometric structures of energy. (We will be covering the Mayan Calendar in far more detail in the second half of

this volume.) Our own intuitive / rational research on this suggests that this geometric structure of five interpenetrating tetrahedra actually exists at one spherical level of density inside the Sun.

So, we do know that the Sun rotates exactly 26 days along its equator. Ten of these cycles add up to 260 days. It appears that one of the spheres inside the sun is rotating exactly ten times slower, for a total cycle of 260 days. (The "powers of ten" are very important in the behavior of harmonic numbers, as we will see as we go along.) So, if there is a sphere of energy inside the Sun that rotates once in 260 days, then the Mayan Time Star geometry that Duran discovered may be the vibratory pattern that exists inside of it. The five tetrahedrons could be seen to divide up the sphere into five equidistant "zones" across the surface of the sphere. Each of these zones would then take 52 days to rotate past a fixed point on the Sun's surface, as the entire sphere rotates in 260 days.

So, as the Mayan Time Star structure rotates, it changes in its orientation to the other geometric structures nested in the Sun. (Some of the other geometries are easy to detect, such as the octahedron, as we shall see in volumes II and III.) As the different geometries attract and repel each other, the Sun's overall energy output is affected, especially in the sense of the torsion fields or "waves in the aether" that are being released. We could visualize this by having a bright light, and then passing different brightly colored sheets of clear plastic in front of the light, going in opposite directions. If a red sheet passes in front of a blue sheet, then they will combine and we will see a purple light. The different geometries can blend together in a loosely similar fashion, creating new effects – and this is one reason why you can tell so much about a person from their astrology. The Mayans wanted to be aware of, and graph out, these changes in the Sun's aetheric output, as certain times that were more energetically charged were very useful for consciousness-raising ceremonies, especially within their pyramid structures.

Ra tells us that high-level sixth-density beings gave the Maya the information that allowed them to construct this Calendar. We do want to point out that there is still room here for other pioneers to come after us and finish up the details on how these geometric systems are actually operating, but we will have further suggestions on what is occurring in later chapters on the Mayan Calendar.

Now we return to Tony Smith's article, which features an image of this Mayan Time Star formation of five inter-penetrating tetrahedrons. Unfortunately, this image doesn't appear as well in black-and-white print as it does in color. What follows is Smith's attempt to geometrically explain how you could have a "particle" that requires two complete rotations, or "spin 2," in order to return to its original position:

How did Richard Hawkins find out about the Time Star? Krsanna Duran says: "... I wrote an article about what the Sirians told me about five interpenetrated tetrahedra embodying and unifying all prime geometries [i.e. the Platonic Solids,] which was published in January, 1995. Richard Hawkins read the article and sent an email to Gerald de Jong about it. Gerald de Jong constructed a computer model of the five interpenetrated tetrahedra to discover that it did all the things I said it did with extraordinary elegance..."

The Time Star is one of my favorite Archetypes.

Start with a dodecahedron.

Five tetrahedra fit inside the dodecahedron:

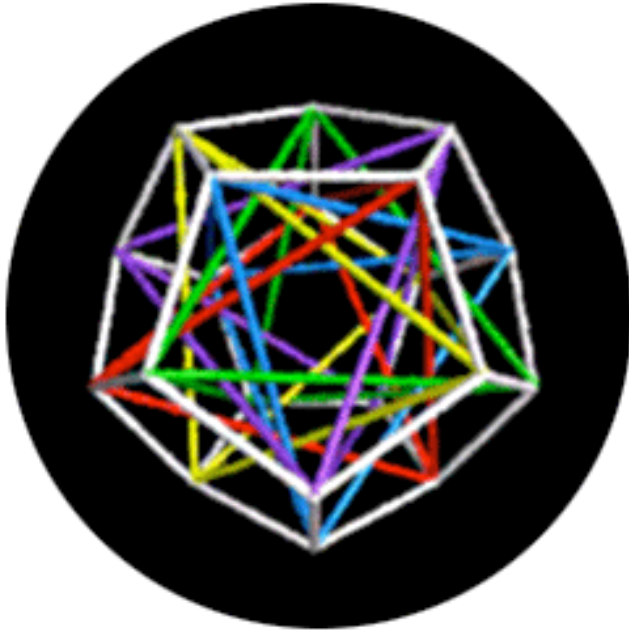


Figure 5.1 – The “Mayan Time Star” of five tetrahedra inside the dodecahedron. (Smith)

The alternating permutation group of the 5 tetrahedra is the 60-element icosahedral group.

This last sentence is simply a very fancy way of saying that the five tetrahedrons fit inside an icosahedron, which has 20 faces with three lines per face, or a total of 60 “elements” if you don’t count the lines as ever being shared between two faces. From here, Smith goes through a complex model that we presented in earlier versions of this book, but we now feel that it is unnecessary as Johnson’s physics is a more complete model. For now we will keep things simple. The key point that we should take out of this is that there are indeed mainstream physicists who are making findings that are in complete agreement with the model that is seen in the words of Seth and Ra, as well as the ancient Atlantean and Raman systems. Therefore, no skeptic can easily dismiss the idea that Platonic geometry is important in understanding the Universe, since some of the best thinkers are working on these very problems. Furthermore, Smith’s model does not have the burden of the “two extra dimensions added for symmetry” that is in the Superstring model – the symmetry arises from the Platonic Solids themselves. At the time of this writing, the link to the page we have quoted from is as follows:

<http://www.innerx.net/personal/tsmith/PDS3.html>

In our next chapter, we will take a very close look at the underlying spherical units that make up the dimensions. Once again, we will enlist the services of another mystic who has not attained the scientific scrutiny of Ramanujan –

namely Jane Roberts, the channeler of Seth. As these are conscious energy units, they have a mind of their own and are quite fascinating. With this reading, we will provide a solid backbone for many other discussions that could splinter off of the main topic, which other writers may choose to pursue. The point behind all of this is as follows: as these units are the fundamental structure of all creation in all dimensions, we can expect them to have quite extraordinary properties. This reading from Seth also can be used to neatly tie together the theory of a Holographic Universe, and explain why things like psychic phenomena might work.

CHAPTER 06: THE SETH ENTITY AND CONSCIOUSNESS UNITS

This chapter is a direct excerpt from the end portions of "The Seth Material," the original debut of Jane Roberts' channeling efforts in 1971.

What we find is an in-depth study of the Consciousness Unit. The metaphysical properties of the CU are explained by Seth in careful detail. The result is a guided tour through a set of metaphysical ideas that most people have never considered before.

We then explore how archetypes and CUs are related.

CHAPTER 06: THE SETH ENTITY AND "CONSCIOUSNESS UNITS"

In the previous chapter, we discussed how "Superstring Theory" and the physics of Tony Smith both match up with the idea of an Octave of dimensions, with the Platonic Solids underlying them. [In Volume II we will show that Ramanujan's own functions have been directly associated with Platonic Solids in very advanced mathematics work that only emerged in the 1990s, completely separate from what Smith is discussing.] Let us again remember Dr. Michio Kaku's quote: "It's as though there is some kind of deep numerology being manifested in these [dimensional] functions that no one understands." The numerology Kaku was speaking of is the widespread occurrence of the number 8 in Ramanujan's physics equations, which are used to map out higher dimensions.

In hindsight, it appears that this numerology is, in fact, sitting right in front of Kaku's face, as he mentions "the vibrations of a string." In other words, a vibrating guitar string can make notes all throughout the spectrum of an octave, but it can never go outside of an octave framework; if the vibratory pitch was moved higher, such as by reaching double its original value in cycles per second, then the pitch would simply enter into a higher octave, but essentially sound the same. Similarly, the vibrations of the densities must conform themselves to this same octave system that is indicated by Ramanujan's function, since they are composed of a fluidlike energy source. In the previous chapter, we indicated that Ramanujan's function is based on 24, or three times eight. Kaku then explained that the harmonic of three sets of eight could be compressed down into one set of eight, which would then represent a single octave.

Having established that, we come up again to the geometric shapes themselves. These shapes, as previous chapters have indicated, are a series of "perfect" geometric solids that all fit within the sphere, and have a growth sequence that fits into the octave pattern, according to the Vedic model of Purusha and Prakriti. Seth has already told us that the universe rises out of "cubes within cubes" in a universe made up of "a myriad of interconnecting wires, constantly trembling." As stated, this is literally identical to superstring theory, which also discusses cubes within cubes as "hypercubes," and builds the universe on a matrix of interconnecting strings that vibrate. Tony Smith's model of "S3#" shows us that our top thinkers are already working the Platonic solids into their mathematical models for these higher realms.

For the rest of this chapter, we will present the words of Seth from the

appendix section of "The Seth Material," which help us to understand how the basic spherical units of energy in the Cosmos interact with each other. It took us several years to actually match up all of this information with scientific data, but now as we conclude the three volumes of the series, we have found some degree of proof for almost every point that Seth had made back in 1969. This original text was invaluable in helping us to understand what was going on, as it provided crucial data that was missing in Ra's own Law of One series. In order to avoid repeating the phrase "[emphasis added]," the reader should be advised that almost all italicized or bolded portions of text were added by this author after-the-fact, in order to help enhance comprehension. When we write "Note:" followed by text in parentheses, these are our comments added in.

Now: there are electromagnetic structures, so to speak, that are presently beyond your (scientific) instruments, units that are the basic carriers of perception. They have a very brief "life" in your terms. Their size varies. Several units may combine, for example; many units may combine. To put this as simply as possible, it is not so much that they move through space, as that they use space to move through. There is a difference.

[Note: This may seem complicated at first, but once we see that what Seth calls "space" is in fact the aetheric energy, it makes sense. Since the units are made of aetheric energy, they must use aetheric energy to travel. They are not self-contained "particles" that move through an empty vacuum.]

In a manner of speaking, thermal qualities are involved, and also laws of attraction and repulsion. The units charge the air through which they pass, and draw to them other units. The units are not stationary in the way that, say, a cell is stationary within the body. Even a cell only appears stationary. These units have no "home." They are built up in response to emotional intensity.

They are one form that emotional energy takes. They follow their own rules of attraction and repulsion. As a magnet, you see, will attract with its filaments, so these units attract their own kind and form patterns, which then appear to you as perception.

[Note: This is easy to miss. Seth is saying that everything we perceive is some form of pattern built up from consciousness units. Since they do form all of physical matter, this is a very accurate statement indeed.]

Now: the fetus utilizes these units. [Note: Seth had been discussing the fetus earlier in the discussion.] So does any consciousness, including that of a plant. Cells are not just responsive to light because this is the order of things, but because an emotional desire to perceive light is present.

[Note: This idea of an "emotional desire to perceive light" conforms with cutting-edge research cited by Gregg Braden in his various books, available from Laura Lee Publications. The work of Garaiev and Poponin entitled the "DNA Phantom Effect" has found that a DNA molecule can be inserted in a cylinder with light passing through it, and the DNA will actually attract the light

and cause it to spiral along with it! Furthermore, when the DNA is removed, the light continues to spiral as if the DNA were still there. (We will have a lot more to say about this in Volume III, as it relates to evolution and how the torsion wave forms the DNA molecule.) This is obviously a very strange finding, but we can see that Seth helps us to understand it; the DNA has an "emotional desire to perceive light," as it naturally attracts light into itself. This might not seem possible until we realize that all life and matter has some degree of consciousness, since it is made of "intelligent energy."]

The desire appears on this other level in the form of these electromagnetic units, which then cause a light sensitivity. These units are freewheeling. They can be used in normal perception or what you call extrasensory perception. I will discuss their basic nature at a later session, and I would like to tie this in with the fetus, since the fetus is highly involved with perceptive mechanisms.

("Next session will be fine.")

It is not that you cannot devise instruments to perceive these units. Your scientists are simply asking the wrong questions, and do not think in terms of such freewheeling structures.

[Note: Seth implies that we can indeed design instruments that would be able to perceive these units. We will have a lot to say about this in Volume III, as there are several Russian scientists who have designed very effective torsion-field detectors. Also, this work has been replicated by Lt. Col. Tom Bearden (ret.) among others in the US. The pyramid work of Joe Parr, also covered in Volume III, clearly shows these fields as well. So, the latest research shows that since the time when Seth gave these readings in 1969, some scientists are now asking the "right questions."]

SESSION 505, OCTOBER 13, 1969, 9:34 P.M. MONDAY

Good evening.

("Good evening, Seth.")

Now: These units of which we spoke earlier are basically animations rising from consciousness. I am speaking now of the consciousness within each physical particle regardless of its size; of molecular consciousness, cellular consciousness, as well as the larger gestalts of consciousness with which you are usually familiar. Because of Ruburt's limited scientific vocabulary, this is somewhat difficult to explain. Also some of the theories I will present to you in this discussion will be quite unfamiliar to you.

These emanations rise as naturally as breath, and there are other comparisons that can be made, in that there is a coming in and a going out, and transformation within the unit, as what is taken into the lungs, for example, is not the same thing that leaves on the exhale stroke. You could compare these units, simply for an analogy, to the invisible breath of consciousness. This analogy will not carry us far, but it will be enough initially to get the idea across. Breath is, of course, also a pulsation, and these units operate in a pulsating manner. They are emitted by the cells, for example, in plants, animals, rocks, and so forth. They would have color if you were able to perceive them physically.

[Note: In Volume III, we will show how the work of Dr. Oliver Crane demonstrates the importance of a “breathing” movement in these spherical energy fields. This became one of the most important revelations in having a complete solution for the model, as we will see. It is truly stunning at how accurate Seth was, while none of this material had been formally discovered scientifically at the time.]

They are electromagnetic, in your terms, following their own patterns of positive and negative charge, and following also certain laws of magnetism. In this instance, like definitely attracts like. The emanations are actually emotional tones. The varieties of tones, for all intents and purposes, are infinite.

[Note: And of course, all tones must fall somewhere into an octave structure.]

The units are just beneath the range of physical matter. None are identical. However, there is a structure to them. This structure is beyond the range of electromagnetic qualities as your scientists think of them. Consciousness actually produces these emanations, and they are the basis for any kind of perception, both sensory in usual terms and extrasensory.

[Note: Russian research into torsion fields has validated Seth’s statements here, as these fields are indeed non-electromagnetic in nature, having qualities that are more similar to gravitational waves. There is extensive evidence that we will cover in this series to show how these torsion fields relate to consciousness.]

We are only beginning this discussion. Later you will see that I am making it simple for you, but you will not understand it unless we start in this manner. I do intend to explain the structure of these units. Now, give us a moment.

These emanations can also appear as sounds, and you will be able to translate them into sounds long before your scientists discover their basic meaning.

[Note: We can now see that Seth has covered all three of the bases as far as harmonics is concerned: light, sound and geometry are all a factor in these vibrations. At the US Psychotronics Association conference in July 2002, this author saw certain machines that created torsion fields by using sound – so what Seth is saying here is indeed possible. One large ultra-low-frequency sound machine in particular had such a powerful effect that the author felt as if the ground was falling out from under him when he would stand in a certain spot, which aligned him with the torsion-field emanations coming from the device. He discovered this quite by accident, and the spot where it worked was over 30 feet away from the machine.]

One of the reasons why they have not been discovered is precisely because they are so cleverly camouflaged within all structures. Being just beyond the range of matter, having a structure but a nonphysical one, and being of a pulsating nature, they can expand or contract. They can completely envelop, for example, a small cell, or retreat to the nucleus within. They combine qualities of a unit and a field, in other words.

[Note: This is a very astute point that fits perfectly with the model, such as with the idea of “fluid crystals.”]

There is another reason why they remain a secret from Western scientists. Intensity governs not only their activity and size, but the relative strength of their magnetic nature. They will draw other such units to them, for example, according to the intensity of the emotional tone of the particular consciousness at any given “point.”

[Note: Thus, Seth is telling us that the amplitude of the spherical wave is actually a function of the emotional intensity that went into its creation.]

These units then obviously change constantly. If we must speak in terms of size, then they change in size constantly as they expand and contract. Theoretically there is no limit, you see, to their rate of contraction or expansion.

[Note: We can see that the shapes could easily expand into a size that would engulf a pyramid, based on this information. The essential foundation shape is a sphere, and a planet, sun, and galaxy can provide a basis for this pulsation, as can microclusters, molecules and atoms.]

They are also absorbent. They do give off thermal qualities, and these are the only hint that your scientists have received of them so far.

[Note: Here we should remember that heat is simply a reflection of how fast the molecules in a given object are vibrating. Once more, Seth wins big points here, as we will see in Volume III that these formations have been visually observed in the infrared and microwave spectrums. In particular, the infrared spectrum is a direct measurement of how much heat (vibration) is in a given area.]

Their characteristics draw them toward constant interchange. Clumps of them (Jane gestured - her delivery was quite emphatic and animated) will be drawn together, literally sealed, only to drop away and disperse once more. They form – and their nature is behind – what is commonly known as air, and they use this to move through. The air, in other words, can be said to be formed by animations of these units.

[Note: Right here we can clearly get a hint of the importance of meditation; our breath may well be the closest connection that we have to bringing in greater amounts of this spiritual energy into our bodies. It seems that what Seth is truly driving at here is that the unseen geometric stresses in the aether have a direct impact on how the air molecules are bouncing around. This eventually gets into discussions about weather, which will be covered in this and later volumes when discussing the Global Grid.]

I will try to clear this later, but the air is the result of these units' existence, formed by the interrelationship of the units in their positions and relative distance one from the other, and by what you could call the relative velocity of their motion. Air is what happens when these units are in motion, and it is in terms of weather that their electromagnetic effects appear most clearly to scientists, for example.

[Note: As we will see in future chapters, the earth's Global Grid of energy lines directs wind and water currents in certain directions.]

These units – let us discuss them as they are related to a rock. The rock is composed of atoms and molecules, each with their own consciousness. This forms a gestalt rock consciousness. These units are sent out indiscriminately by the various atoms and molecules, but portions of them are also directed by the overall rock consciousness.

[Note: Here we can see a precise correlation with statements in the Ra Material where they described how they transformed the limestone rock into neatly carved blocks to build the Pyramid. Ra had said that the entity doing the building needed to “communicate to the intelligence of infinite rock-ness” and command it to displace a portion of itself into a higher frequency of vibration – much in the same sense that certain advanced spiritual masters and / or psychic children have been seen to manifest and demanifest objects.]

The units are sent out by the rock, informing the rock as to the nature of its changing environment: the angle of the sun and temperature changes, for example, as night falls; and even in the case of a rock, they change as the rock's loosely called emotional tone changes. As the units change, they alter the air about them, which is the result of their own activity.

They constantly emanate out from the rock and return to it in a motion so swift it would seem simultaneous. The units meet with, and to some extent merge with, other units sent out, say, from foliage and all other objects. There is a constant blending, and also attraction and repulsion.

[Note: Again, we pay close attention to Seth's statements: “it would seem simultaneous.” Clearly, our instruments would not be able to slow down this motion to a measurable speed – thus we may appear to see fixed clouds instead of the movement of “units.”]

You may take your break, and we will continue.

(10:10. Jane's delivery was quite emphatic and animated through- out. Her trance state was good.)

(The rest of the session was devoted to Seth's interpretation of one of my dreams-Robert Butts.)

SESSION 506, OCTOBER 27, 1969, 9:40 P.M. MONDAY

(Sometime after 9 P.M. Jane and I sat to see if Seth would come through. I told Jane she needn't have a session, but she was willing enough, if Seth decided to. She has been working long hours on her book and has but a couple of chapters to rewrite.)

(Jane has had two recent, excellent and long sessions for her ESP class, however, featuring both Seth and Seth II, and including new material.)

Good evening.

("Good evening, Seth.")

Now: Ruburt need not worry that he has missed a few regular sessions. He has been exercising spontaneity, and paradoxically enough, it is upon spontaneity that the regularity of our sessions depends. Do you follow me?

("Yes.")

Now: the units about which I have been speaking do not have any specific, regular, preordained "life." They will not seem to follow many scientific principles. Since they are the intuitive force just beyond the range of matter, upon which matter is formed, they will not follow the laws of matter, although at times they may mimic the laws of matter.

It is almost impossible to detect an individual unit, for in its dance of activity it constantly becomes a part of other such units, expanding and contracting, pulsating and changing in intensity, in force, and changing polarity. This last is extremely important.

(Pause, one of many.)

With Ruburt's limited vocabulary, this is rather difficult to explain, but it would be as if the positions of your north and south poles changed constantly while maintaining the same relative distance from each other, and by their change in polarity upsetting the stability (pause) of the planet – except that because of the greater comparative strength at the poles of the units (gestures, attempts to draw diagrams in the air), a newer stability is almost immediately achieved after each shifting. Is that much clear?

("Yes.")

[Note: Again, time has proven the efficiency of Seth's words. A spherical torus does have the greatest amount of energy influx at the polar regions. Every Platonic Solid does have the central axis of a spherical torus going through it, in a form that is most balanced for that particular geometry. This balance-point changes from one geometry to another, causing there to be a necessity for the poles of the spherical torus to shift their positions. This is the true, hidden mechanism that is responsible for magnetic pole shifts on Earth as well.]

The shifting of polarity occurs in rhythm with changing emotional intensities, or emotional energies, if you prefer.

[Note: This past sentence is extremely important to our discussion - it is the emotional intensity in a given area that causes these polarity shifts. And that intensity is simply a function of the 'density' or the degree of concentration of the aether energy itself. Similarly, sources such as Ra tell us that the Earth's poles are going to have approximately a 21-degree shift at the time that the cycle ends – and it is the overall spiritual / emotional state of humanity that determines how quickly and how damagingly this shift will occur.]

The "initial" originating emotional energy that sets any given unit into motion, and forms it, then causes the unit to become a highly charged electromagnetic field with those characteristics of changing polarities just mentioned. The changing polarities are also caused by attraction and repulsion from other like

units which may be attached or detached. There is a rhythm that underlies all of this changing polarity and changing intensities that occur constantly. But the rhythms have to do with the nature of emotional energy itself, and not with the laws of matter.

[Note: Again, rhythm is another way of expressing vibration. In Volume III we will see how Seth is giving us a very general description of what is going on in Rod Johnson's model of quantum physics.]

Without an understanding of these rhythms, the activity of the units would appear haphazard, chaotic, and there would seem to be nothing to hold the units together.

[Note: Remember that modern "superstring" theorists add two more dimensions to Ramanujan's functions because they demand symmetry. Seth shows us here that this is not necessary, because there is an underlying rhythm of emotional energy that holds the units together.]

Indeed, they seem to be flying apart at tremendous speeds. The "nucleus" – now using a cell analogy – if these units were cells, which they are not, then it would be as if the nucleus were constantly changing position, flying off in all directions, dragging the rest of the cell along with it. Do you follow the analogy?

("Yes.")

The units obviously are within the reality of all cells. Now: the initiation point is the basic part of the unit, as the nucleus is the important part of the cell. The initiation point is the originating, unique, individual, and specific emotional energy that forms any given unit. It becomes the entryway into physical matter.

[Note: Seth's "initiation point" would be the infinitesimally small sphere of the first density, which we would define in classic one-dimensional terms as a "point."]

It is the initial three-sided enclosure from which all matter must spring. The initial point forms the three sides about it. (Gestures; pause.)

[Note: Based on context from other aspects of Roberts' writings, including the cover of her book *Adventures in Consciousness*, it is clear to see that Seth is referring to the structure of a basic equilateral triangle, which forms the sides for all the Platonic solids except the dodecahedron and cube. And we now know that this is a simplified explanation, and the Hindus are more accurate in saying that the sphere crystallizes into the icosahedron. The triangle analogy makes this two-dimensional and thus easier to see.]

There is an explosive nature as the emotional energy is born. The three-sided effect, instantly formed, leads to an effect that is something like friction, but the effect causes (more gestures) the three sides to change position, so that you end up with a triangular effect, closed, with the initial point inside the triangle. Now, you understand this is not a physical form.

("Yes.")

[Note: As we will see in future chapters, this formation frequently appears in "Crop Circles," another way that the visitors are trying to teach us about this system of vibratory physics.]

The energy point, from here on, constantly changes the form of the unit, but the procedure I have just mentioned must first occur. The unit may become circular, for example.

[Note: The circle appears to have been one of the only shapes that Seth could cite using Jane's current vocabulary, but this doesn't eliminate other possibilities.]

Now these intensities of emotional energy, forming the units, end up by transforming all available space into what they are. Certain intensities and certain positions of polarity between and among the units and great groupings of the units compress energy into solid form (resulting in matter). The emotional energy within the units is obviously the motivating factor, and you can see, then, why emotional energy can indeed shatter a physical object. You may take your break.

[Note: At first, in this paragraph Seth is describing how matter is simply a more compressed form of these energy units, coming about by "great groupings" that are organized together into "certain intensities and certain positions of polarity between and among the units." Again, this is a perfect description of Johnson's quantum physics model. Then, Seth suggests an understanding of the phenomenon of telekinesis, or mind over matter. It might be nothing more than the ability to control the "consciousness units" making up the object, then putting them "out of phase" with the pulsations of gravity in order to cause them to rise. This falls quite well in line with the stories given by master yogis regarding their Siddhi powers, as well as the cases of poltergeist activity being traced back to disgruntled teenagers with enormous emotional stress causing the events by telekinetic force. Indeed, in all telekinetic experiments, the author of this book has discovered that the only thing that will get an object to move is the firm mental visualization of it actually moving; that firmness of belief is what forms the emotional energy.]

(10:10. Jane came out of trance quickly enough, though it had been a good one. At times her delivery had been quite fast. She said she could feel Seth pushing at her to get her to let the material through as clearly as possible without distortion.)

(She also had some images while giving the material, though she could not remember them by break. Usually, she said, she forgets any images, or even whether or not she has had any, unless I specifically ask at once when a session is over or at break. Sometimes, she said, the same images will return to her when she reads a particular session; she then recognizes them.)

(Jane made it a point to mention that in regard to the switch in polarities of the units: "This isn't only with the north and south switching, but opposites anywhere on the rim of the circle [that was used as an analogy], with east and west reversed, for instance.")

[Note: Let us not forget that Seth appears to have used the analogy of a circle

instead of a sphere to keep things simpler.]

(Resume 10:26.)

Now: the intensity of the original emotional energy controls the activity, strength, stability, and relative size of the unit; the rate of its pulsation, and its power to attract and repel other units, as well as its ability to combine with other units.

The behavior of these units changes in the following manner. When a unit is in the act of combining with another, it aligns its components in a characteristic way. When it is separating itself from other units, it will align its components in a different way. The polarities change in each case, within the units. The unit will alter its polarities within itself, adapting the polarity-design of the unit to which it is being attracted; and it will change its polarity away from that design on breaking contact.

[Note: All of this relates to the geometries inside of the spheres themselves, and how they interact with each other.]

Take, for example, five thousand such units aligned together, formed together. They would, of course, be invisible. But if you could view them, each individual unit would have its poles lined up in the same manner. It would look like one single unit - say, it is of circular form - so it would appear like a small globe with the poles lined up as in your earth.

[Note: Here is where Seth steps out of "flat" two-dimensional metaphors and brings in the idea of a sphere – specifically a spherical torus, since he is focusing on the poles of the sphere.]

If this large unit were then attracted to another larger one, circular, with the poles running east and west, in your terms, then the first unit would change its own polarity, and all of the units within it would do the same. The energy point would be halfway between these poles, regardless of their position, and it (the energy point) forms the poles. They revolve, therefore, about the energy point. The energy point is indestructible basically.

Its intensity, however, can vary to amazing degrees, so that it could, relatively speaking, be too weak or fall back, not strong enough to form the basis for matter, but to project into another system, perhaps, where less intensity is required for "materialization."

[Note: This is made possible by the fact that there are many "densities within densities," as Ra has illustrated.]

These units may also gain so in intensity and strength that they form relatively permanent structures within your system because of the astonishing energy behind them. Your Stockridge-

(Seth paused; Jane frowned as though groping for a word.)

("Oak Ridge?")

No. (Gesture.) The remains of temples.

("Oh. Baalbek?")

These were places for studies concerning the stars. Observatories.

("Yes?" I thought I probably knew the word Seth/Jane was looking for, but I didn't have time to think and write notes.)

The units so charged with intensive emotional energy formed patterns for matter that retained their strength. Now these units, while appearing within your system, may also have a reality outside it, propelling the emotional energy units through the world of matter entirely. These units, as I told you, are indestructible. They can, however, lose or gain power, fall back into intensities beneath matter, or go through matter, appearing as matter as they do so and projecting through your system.

[Note: There are examples of "consciousness units" that do appear as matter, and this is well covered in both the second and third volumes. Most of the time, they will appear to be glowing balls of light when this occurs.]

We will deal with that portion of their activity separately. In such cases, however, they are in a point of transition obviously and in a state of becoming. You may take a break or end the session as you prefer.

("I guess we'd better end it.")

I wanted to give you this material.

("It's very interesting.")

It is only a beginning. I would disregard the analogies if you did not need them. A fond good evening.

("Good evening, Seth.")

(10:45. After we talked a bit, I deduced that Seth/Jane had been trying for the word "Stonehenge," meaning the ancient Druidic stone monoliths arranged in a circle in England, etc. Jane then said this was the word Seth had been trying to get her to say. She didn't know why it didn't come out while in trance, since she knows the word and what it stands for.)

[Note: The author has had similar things happen, wherein the force behind the words was trying to express a word that, for whatever reason, it could not find in the mind of the individual. In these cases, the word must get pushed out syllable by syllable, and there may well be distortions. The author was able to get accurate Japanese sentences at one point, with almost no knowledge of the language, but certain syllables in the words were slightly incorrect.]

SESSION 509, NOVEMBER 24, 1969, 9:10 P.M. MONDAY

(Today Jane had been reading Experimental Psychology by C. G. Jung, first American edition, published by Jung's heirs in 1968. We hadn't asked Seth to comment.)

Good evening.

("Good evening, Seth.")

[Note: Here Seth goes into a discussion about Jung's definitions of the different levels of consciousness, compared to his own definitions. Jung did not ascribe the degree of significance to the subconscious that Seth does here. We cut to the following paragraph to preserve the flow, as it summarizes Seth's point and segues into our discussion:]

The conscious ego rises, indeed, out of the "unconscious," but the unconscious, being the creator of the ego, is necessarily far more conscious than its offspring. The ego is simply not conscious enough to be able to contain the vast knowledge that belongs to the inner conscious self from which it springs.

[Note: Thus, we have an explanation for where Ramanujan's information was coming from. Apparently, his ego was conscious enough to contain some of it, and within three years of full-blown academic research in Europe, he died.]

It is this inner self, out of massive knowledge and the unlimited scope of its consciousness, that forms the physical world and provides stimuli to keep the outer ego constantly at the job of awareness. It is the inner self, here termed the inner ego, that organizes, initiates, projects, and controls the EE (electromagnetic energy) units of which we have been speaking, transforming energy into objects, into matter.

The energy of this inner self is used by it to form from itself – from inner experience – a material counterpart in which the outer ego then can act out its role. The outer ego then acts out a play that the inner self has written. This is not to say that the outer ego is a puppet. It is to say that the outer ego is far less conscious than the inner ego, that its perception is less, that it is far less stable though it makes great pretense of stability, that it springs from the inner self and is therefore less, rather than more, aware.

The outer ego is spoon-fed, being given only those feelings and emotions, only that data, that it can handle. This data is presented to it in a highly specialized manner, usually in terms of information picked up by the physical senses.

The inner self or ego is not only conscious, but conscious of itself, both as an individuality apart from others and as an individuality that is a part of all other consciousness. In your terms, it is continually aware, both of this apartness and unity-with. The outer ego is not continuously aware of anything. It frequently forgets itself. When it becomes swept up in a strong emotion it seems to lose itself; there is unity, then, but no sense of apartness. When it most vigorously maintains its sense of individuality, it is no longer aware of unity-with.

The inner ego is always aware of both aspects and is organized about its primary aspect, which is creativity. It constantly translates the components of its gestalt into reality – either physical reality through the EE units I have mentioned, or into other realities equally as valid.

Now you may take your break and we shall continue.

(During our break I wondered aloud if Jung had changed his ideas since his physical death.)

(Resume 10:05.)

Now: the EE (electromagnetic energy) units are the forms that basic experience takes when directed by this inner self. These, then, form physical objects, physical matter. Matter, in other words, is the shape that basic experience takes when it intrudes into three-dimensional systems. Matter is the shape of your dreams. Your dreams, thoughts, and emotions are literally transformed into physical matter purposefully by this inner self.

The individual inner self, then, through constant massive effort of great creative intensity, cooperates with all other inner selves to form and maintain the physical reality that you know, so that physical reality is an offshoot or by-product of the highly conscious inner self.

[Note: It is very obvious here that this is the "holographic universe" theory in action, well before it emerged in books such as Michael Talbot's, of the same name. We really are living in a collective visualization, or a three-dimensional hologram of thought. The reason why we can't walk through walls is that we are by far not the only ones creating them.]

Buildings appear to be made of rock or stone or steel. They appear fairly permanent to the physical senses. They are actually oscillating, ever-moving, highly charged gestalts of EE units ("beneath," say, any atomic particles), organized and maintained by the collective efforts on the part of inner selves. They (the buildings) are solidified emotions, solidified subjective states, given physical materialization.

[Note: It is also easy to see here that the more densely populated an area is, the greater amount of torsion-field charge there can be on the physical objects built there. This is one reason why cities can be extremely damaging to the psychic work process. They will often have a great deal of stored energy, which can be predominantly chaotic and negative due to the hardships and crowding faced by many people. These chaotic emotions translate directly into energy that enters into the structures.]

The powers of consciousness are clearly not understood, then. Each individual has his part to play in projecting these EE units into physical actuality. Therefore, physical matter can be legitimately described as an extension of the self, as much as the physical body is a projection of the inner self.

It is obvious that the body grows up about the inner self, and that trees grow out of the ground, whereas buildings do not spring up like flowers of their own accord; so the inner self has various methods of creation and uses the EE units in different ways, as you shall see as we continue with the discussion.

Having determined upon physical reality as a dimension in which it will express itself, the inner self, first of all, takes care to form and maintain the physical basis upon which all else must depend; the properties of earth that can be called natural ones. The inner self has a vast and infinite reservoir

from which to draw knowledge and experience. All kinds of choices are available, and the diversity of physical matter is a reflection of this deep source of variety.

With the natural structures formed and maintained, other secondary physical properties – secondary constructions – are projected. The deepest, most basic and abiding subjective experience is translated, however, into those natural elements: the ample landscape that sustains physical life. We will continue with this discussion at our next session.

Jung enlarged on some of his concepts shortly before he died. (Leaning forward, humorously emphatic.) He has changed a good many of them since then. Now you may take a break or end the session as you prefer.

("We'll take the break.")

(10:30 P.M. Jane said she thought the delivery had taken perhaps ten minutes instead of the twenty-five it had actually taken. Resume at 10:43.)

We will shortly end the session. Suffice it to say, however, that in the future what I am telling you will be more generally known. Men will become familiar to some extent with their own inner identity, with other forms of their own consciousness.

[Note: Thankfully, that future is already starting to happen now – increasingly so each year.]

Throughout the ages, some have recognized the fact that there is self-consciousness and purpose in certain dream and sleep states, and have maintained, even in waking life, the sense of continuity of this inner self. To such people it is no longer possible to identify completely with the ego consciousness. They are too obviously aware of themselves as more. When such knowledge is gained, the ego can accept it, for it finds to its surprise that it is not less conscious, but more, that its limitations are dissipated.

Now: it is not true – and I emphasize this strongly – that so-called unconscious material, given any freedom, will draw energy away from the egotistically organized self in a normal personality. Quite the contrary, the ego is replenished and rather directly. It is the fear that the “unconscious” is chaotic that causes psychologists to make such statements. There is also something in the nature of those who practice psychology: a fascination, in many cases, already predisposed to fear the “unconscious” in direct proportion to its attraction for them.

The ego maintains its stability, its seeming stability, and its health, from the constant subconscious and unconscious nourishment which it receives. Too much nourishment will not kill it. Do you follow me here?

("Yes.")

Only when such nourishment is for some reason cut off to a considerable degree is the ego threatened by starvation. We will have more to say concerning the ego's relationship with the “unconscious.” In a healthy personality, the inner self easily projects all experience into EE units, where

they are translated into actuality. Physical matter, therefore, acts as a feedback. Now we will end our session, unless you have questions.

("I guess not. It's been very interesting.")

My heartiest regards and a fond good evening to you both.

So with this segment, we can easily begin to pick up how familiar our Higher Selves must be with these units of consciousness. Seth essentially says that each sphere, pulsating its way through the different geometric shapes, is an EE unit, and that these EE units make up our entire physical reality. With these words, we can well begin to get a glimpse of the far-reaching metaphysical realities that underlie these units. Since they are formed by consciousness, we create them constantly, whether we are aware of it or not, through our own thoughts. They can hold certain specific emotional energy charges, and emotional energies are often rooted in the archetypal systems, which we will briefly discuss. The rest of this chapter may seem to be off-topic from the direct physics discussions, but it is partly designed to give the less technically inclined reader some breathing room; it is also designed to explore the more esoteric ramifications of the perspective that Seth has given us on the physics under discussion.

ARCHETYPES AND THE HARMONIC DIMENSIONS

Archetypes are often mentioned, such as in the Law of One series, but few people really understand them, so we will explore them for a moment. Essentially, the theory behind the archetypes is that all life experiences that anyone could have may be refined and organized into a common series of events. Each archetypal event would then be a necessary part of learning our lessons in Spiritual Growth in order to advance further. According to Ra, there are certain lessons that each density teaches us, which we must pass through in order to achieve the vibratory level necessary for the next level. Each vibratory level, then, could be likened to an archetype for a specific lesson that needs to be learned, for each of the three parts of our being; spiritual, mental, and physical.

Here we enter the major arcana of the Tarot cards, which was based on what are known as the "sephiroth" from the Jewish mystical system known as the Cabala. It is a longstanding tradition among mystics that both Tarot and Cabalistic systems, each having 22 archetypes, contain the full spectrum of learning experiences necessary for self-perfection, which would be returning to the One, or the Octave, a full reunion with God. It is then fascinating to see that these 22 can be likened to three "scales" of seven, ($7 \times 3 = 21$), with the 22nd archetype, the Fool, existing outside of the others as a separate card. This peculiar character of the Fool is constantly referred to in books on the Tarot; the Fool in and of itself stands separate from the rest of the deck.

We can then take The Fool as representing an archetype of the starting point for all three levels given, as the One will always be the same, never divided. Thus, if we apply the Fool, as the One, to the beginning of each set of seven, we get 8×3 , or Ramanujan's mystical number of 24. (However, Ra did say

that there isn't an exact one-to-one relationship between the archetypes and the densities.)

The definition of the Fool is interesting, in that it depicts a man walking forward at the edge of a cliff, with a stick that has a small purse at the end of it, which is balanced over his shoulder. He looks to the sky and holds a flower in his other hand, apparently walking totally unaware of the cliff he stands in front of, while a white dog barks incessantly at him, trying to warn him of the danger. The purse is supposed to represent the stored up knowledge of universal memory, which he carries with him. A quote from Sidney and Bennett's book on the Tarot reads, "It is said that the Fool "possesses the foolishness of God, which is greater than the wisdom of men.""

What exactly is the Fool telling us? Why would a full consciousness of God lead us to being so haphazard in the care for our own lives? This is only the outer meaning of the archetype. The deeper meaning is that the Fool knows that he can trust God completely, and thus he does not perceive any obstacles as actually existing in reality. The dog would represent our lower, more animal natures, which bark out in anger at the slightest thought of our having this blind trust, fully seeing the pitfalls and dangers lying ahead. But the Fool, in his or her love for the One, simply has complete faith.

It could well be stated, then, that for anyone to fully attain this wisdom in the material plane, they would be so obviously out of place as to appear a fool, moron or idiot. Yet, time and time again, this unwavering faith proves itself to be of the highest caliber. We are reminded of the Biblical story about how Jesus and his disciples are out on a boat in the sea, and a horrible storm comes up, which scares the men so badly that they beg Jesus to wake up and deal with it. Jesus, rising from his slumber and probably grumbling to himself, walks out to the edge of the boat, sleepily raises his hands and releases powerful torsion fields that promptly dissipate the storm. He then chastises his apostles, saying that they have no faith.

Indeed, as we continue to explore the true multidimensional nature behind the Great Cycle that is now ending, and explore how some of the "Earth Change" events surrounding it are fraught with catastrophe and disaster, it is helpful to be able to trust in the fact that the positive aspect known as "Ascension" will really occur as the end product of all of this. If we do not have the faith, then we will never know if our opinions of "doom" were right until the event has already passed. Apparently, there will be more than one opportunity to Ascend over the course of a relatively brief period of time, but it is important to prepare ourselves for the first "wave", as it is often called. This is exactly what was promised to us by the highest spiritual forces ever to appear on Earth, and the promise will not go unfulfilled. On the physics level, it is a simple question of expanding our vibration to accommodate our movement into a higher density, which we already do every night in dreams. The only difference this time is that we will be going there to stay, because we have earned it, through our diligent personal growth process.

Getting back to our discussion, it appears that each frequency in the octave is related to certain specific archetypes, which one must go through to fulfill our curriculum for returning to God, or the One, as perfected beings. Therefore, there would be certain emotional phases associated with the units that Seth is referring to, which would remain as constants throughout the universe. This

helps us understand how aetheric energy can affect the personality, as in the science of astrology. The three cycles of seven archetypes correspond to the initiation of the mind, body and spirit, emphasizing our need to address all three areas equally in our spiritual growth process.

Each area of our being represents a unique and separate challenge for integration, but these challenges do relate to each other as well. Thus, choosing to eat a purified diet initiates the body, by making it more vital and healthy, and resisting its addictive, genetically based cravings. However, the diet also initiates the mind, through the discipline of respectfully denying the Self the gratification that it constantly is begging for. The initiation of the Spirit comes through knowing that by performing this discipline, you are acting on behalf of God's will, and in so doing, raising your vibratory level. You can probably tell that this is a simplified example, but it will do for now.

Interestingly, the author has learned that the actual act of drawing the Tarot cards and having the reading be accurate will often involve the subconscious storage of "consciousness units" that correspond to the emotional energy of that particular archetype inside the card. Your subconscious mind, which can exert influence over the body, can tell you what card to pick just by getting a feeling as you pass your hand over it. Each card could then be likened to a little magnet, programmed with its own emotional charge, waiting to be renewed. The act of concentration while shuffling the cards puts the power of consciousness back into them, which reinvigorates the stored blueprints of energy patterns inside them.

Then, after tuning into the cards in nothing more than a light to moderate trance, the reader can instinctively grab the card their Total Self is looking for – and thus the cycle is completed. Each Tarot reading spread has several cards, and invariably there are certain positions that are for the future. Thus, the Total Self, influencing the subtle act of drawing cards, can tell the reader what the strongest future probabilities are in the present term. This ingenious system is actually behind the vast majority of self-declared "psychics" who do these readings for people, and in the hands of an attuned person who already understands and practices the spiritual growth curriculum indicated in the cards, much great work can be done. The only time required to be in trance is when the cards themselves are drawn, and sheer analysis will easily produce the answers after that point.

One time, someone told Wilcock that the Tarot cards were evil. He responded by saying that if a person uses the English language to speak evil things, does that then mean that the English language is evil? Certainly not. Knowing what we now do about the structure of the densities, and that it is a growth curriculum that we can actually complete on Earth, we can easily see the Tarot cards as a sort of alphabet of the collective consciousness that gives rise to our universe.

The discussion of "consciousness units" also gives credence to the claims of psychometrists, those people who can pick up a personal item of an unknown person and uncover what types of emotions that person is feeling. Wilcock himself did this after reading about it in high school, and obtained some very interesting results. This ability can also be used to find lost objects, calling out to the energy that is already stored in the object to bring about its return. At one point, Wilcock had lost his high school ring for many months, and after

strongly visualizing its return, it was promptly found under the heat by his mother within two days. His mother had no idea that he had lost the ring or wished for its return.

It could well be that he magnetized the energy stored inside the ring, turning it into a signal beacon which then influenced his mother's subconscious to clean in that particular spot. This is, essentially, the process of creative visualization, or the idea, originally coined by Seth and by far his most famous quote, which has now become a New Age cliché but nevertheless is still very accurate: "You create your own reality." All objects are essentially nothing more than thought forms.

In other works, Seth repeatedly indicates that the body, and in fact all matter, is constantly turning on and off, or pulsating through the different dimensions. Each consciousness unit must cycle through all of the densities in the octave constantly, at tremendous speed, even though it remains "focused" in one density most strongly. What this proves is that there really is no such thing as a separate density: in one sense, they are all blending directly into each other constantly. What is so fascinating about this is the idea that it is our perceptions, our thoughts, which hold together the level of reality that we are on.

Thus, our current bodies and minds are creating our world each moment, by allowing us to only focus on third-density. Yet, were we able to alter our focus to perceive fourth-density, then we would only perceive that realm. Our physical bodies would still exist in third-density, as that part of ourselves is focused there and belongs there, for now. In order to fully enter into a higher plane, we have to do it in a body that is essentially less physical, and more of a direct form of conscious energy. In fact, the Hindu cosmology associates the seven chakras with seven different energy bodies, and thus in a sense we have seven different bodies, of which we could use those above the third density for travel in higher realms.

This is essentially what happens when we have a dream or an out of body experience. We leave our physical bodies where they belong in the third density, and use a higher form of body that is only conscious of those times when the geometric energy is focused in the realm of the cube, for example. In the series of books by Carlos Castaneda about his workings as an anthropology graduate student with a Yaqui Indian from the Sonora Desert in Mexico, named Don Juan, we see this same point emerge. Don Juan was a shaman, a man who had free access to these higher dimensions. His method for entering into these higher realms is, interestingly, very close to what we are saying here.

What Don Juan said you must do to enter these worlds is to stop your mind from all conscious thought. At first this seems only able to be done by the most intense Eastern gurus, after years of practice and meditation. This practice was referred to by the shamans as "Stopping the World." Don Juan explained that we have different "rings of power" that we use to create the world that is around us, and that if we can stop thinking about physical reality, we will no longer be conscious within it, and our consciousness will move to higher levels. This process would basically be akin to stopping yourself from having any thoughts. Most importantly, in doing so you quite naturally get very close to falling asleep. Indeed, the whole key is not to fall asleep while

doing this.

In order to short-circuit the process, Carlos Castenada went through a brutal initiation using hardcore psychedelic compounds discovered by the shamans, such as peyote, psilocybin mushrooms and Jimson weed. Don Juan would use these compounds to guide Carlos through an initiation into these higher worlds, with the idea that eventually the compounds would no longer be necessary for the access. Carlos was especially resilient to his training and thus he "tripped out" many times before he got the message.

The author would like to state at this point that in *Nature of Personal Reality*, Seth makes it very clear that the ingestion of LSD can be of significant and long-lasting harm to the individual. Seth states that the whole personality structure is essentially shattered into many different scattered pieces in such an experience, pieces that must then be identified and reconstructed anew. Thus, despite the fact that Castenada's initiation took on such a form, the use of any chemical substances of any kind for opening up "the doors of perception" is strongly contra-indicated by the author. You can indeed get the doors open with drugs, but it is dangerous and damaging, and does not represent "spiritual growth." On the other hand, the rising frequency of aetheric energy surrounding us is now strong enough that these states may be accessed with ease in a good, solid meditation. Doing "the real work" is by far the preferred method – and the "binaural synchronization" techniques of the Monroe Institute represent a drugless way to induce out-of-body and mystical experiences using the properties of sound.

In the next chapter, we will shed further light on our discussion of these "consciousness units" and their forces, by investigating another means by which these truths were being demonstrated to us – through the metaphor of the crop circle formations.

CHAPTER 07: THE EMERGENCE OF THE MOTHER OF ALL CROP CIRCLES

In this chapter, we zero in specifically on the efforts of Higher Intelligence to show us, in modern times, a precise image and description of exactly what a Consciousness Unit is, as well as the phase of the CU that we are now heading into.

All of this comes about through the Barbury Castle 1991 formation, an image of incredible size and complexity that appeared literally overnight in a field of wheat.

The entire story and background of the crop circles is explored in some detail, along with Gerald Hawkins' "Crop Circle Theorems" that show a clear connection between geometry and "diatonic" musical ratios, and other formations that reveal more secrets.

CHAPTER 07: THE EMERGENCE OF THE "MOTHER OF ALL CROP CIRCLES"

In opening up this chapter, let us again state that we have been investigating how the seen and unseen energies in the universe are all interwoven with a system of conscious energy that expresses itself in octaves. We can see these formations emerging in the sound spectrum as the basic structure of the Octave, in the light spectrum as Red Orange Yellow Green Blue Indigo Violet, and in the geometric form as the hierarchy of shapes that crystallize within the sphere. The reader will remember that earlier in the book we have cited physical evidence from Dale Pond's Physics of Love that showed us that the harmonic ratios between the vibrations of sound can be expanded many times over to get the equivalent frequencies of the color spectrum of visible light. Later in this volume we will see that these same numbers underlie the cycles in the Sun and planets, and {?{we will show their presence within atoms and molecules as well.}?} And here in this chapter, we will give further evidence to show a connection between the frequencies of sound and color with geometry, again showing how they are literally crystallized vibrations.

In the book Sacred Geometry by Robert Lawlor, he refers to the Platonic Solids as the "regular polyhedra" in the quote that we are about to cite. The image that Lawlor will be drawing off of is seen in Figure 7.1, as Kepler's famous geometric model of the Solar System. In this model, Kepler erected a large half-sphere and placed a cube inside of it. Each of the nested Platonic solids is represented in a smaller half-sphere. Lawlor refers to the bowls, or half-spheres, as circles in this quote:

"In this demonstration the regular polyhedra are determined by nine concentric circles whose pattern gives all the necessary information for the construction of these forms. Each volume is in a simple harmonic relationship to the others, and it is the same transcendental functions, [square root of 2, square root of phi and phi] that make up these patterns of relationships.... all volumes emerge simultaneously.... This is an image of the great Buddhist idea of the co-dependent origination of the archetypal principles of creation."

The very first thing that we can tell here is that Kepler would have obviously spent a lot of time working on such a massive sculpture. It is highly unlikely that he would have done so if he did not believe it to be very important. What

we suggest here is that Kepler was heir to the ancient Atlantean repository of knowledge, similar to that handed down to the Hindus. With his secret knowledge in place, he was trying to show us the geometric structures within the different 'nested' spheres of aetheric energy density in the Solar System. Ostensibly, since Kepler was an initiate of the Mysteries, he knew that it somehow had to be right, but he didn't know why it was right – and thus later scholars considered this model to be a complete failure. Kepler believed that the spacing between the shapes would map out the spacings between the planets, but he could never truly get it to work. We will show the harmonic functions that are responsible for the planetary positions in Volume III.

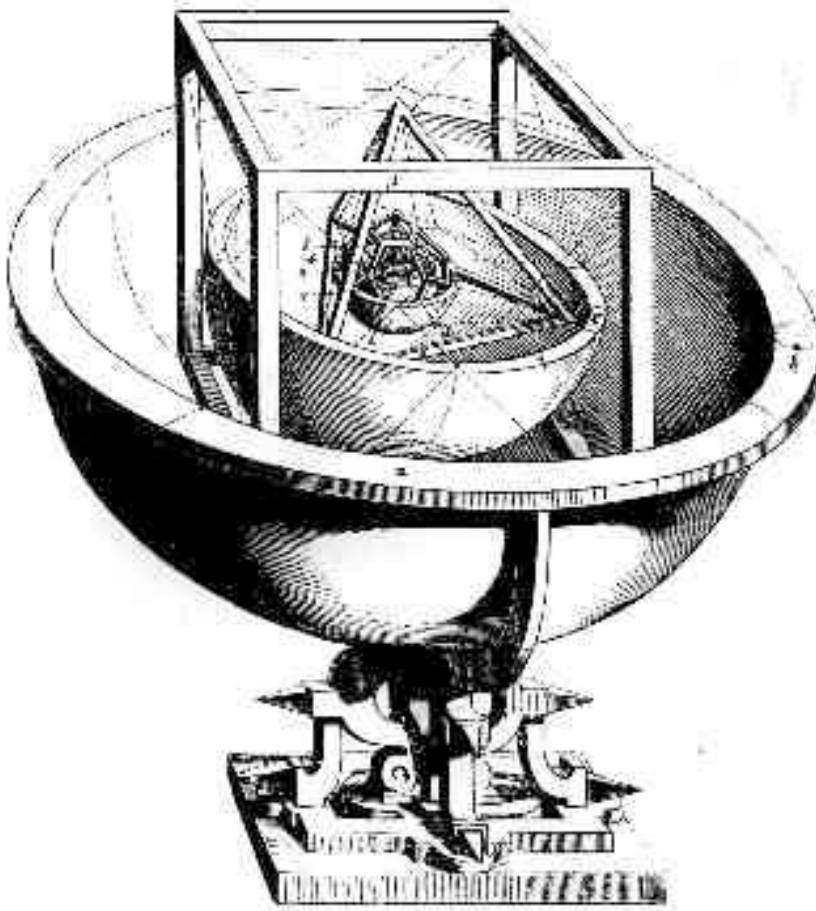


Figure 7.1 – Kepler's geometric model of the Solar System.

For one who is more familiar with sacred geometry, it isn't hard to see that Kepler only had a rough knowledge of how the Platonic Solids actually nested inside of each other. The most obvious problem is that all the Solids are "sitting up," with the same north-south axis, when in fact they should have discrete angular rotations in comparison to each other. As one example, the tetrahedron should nest inside of the cube so that its edge 'elements' run exactly along the faces of the cube, the tips of the tetrahedron lining up directly with the tips of the cube. Then, the shape immediately inside of the tetrahedron should be the octahedron, then the cuboctahedron inside the octahedron. So, Kepler definitely gets an "A" for effort, but with more modern techniques for analysis we can see that there are mistakes in this model – and ultimately he gave up on it out of frustration. Again, knowing what we now know about Atlantis, it is very, very unlikely that he would have simply come

up with this burning passion for such an idea on his own – especially if he didn't fully understand why he was doing it.

If we look back to Lawlor's quotation that we cited above, he mentions the mathematical progressions of phi, square root of phi and square root of 2 as the basic harmonic building block ratios that make up geometry, color and music. (We will go into detail about this aspect of the Platonic Solids in Chapter 13.) Lawlor's book gives a wealth of information to show how these basic vibratory ratios emerge in all forms of life throughout nature, governing such things as the growth of shells, plants and even the proportions of the human body. (In Volume III we will go into much more detail about the connection between biology and aetheric energy.) In Sacred Geometry, Lawlor also shows repeated examples of Renaissance artwork that explored these sacred ratios, so it is clear that sacred geometry was a topic of great interest within the intelligentsia of the day. Again, there is ample evidence that those painters who incorporated these ratios into their artwork were inheritors of the Atlantean Mysteries; surprise, surprise.

Up until this point, we have tackled the Platonic Solids in two basic ways:

1. They emerge within a sphere of vibrating fluid, or aether.
2. They are geometric forms created in the stresses between "node points" on the sphere's surface.

Things get a little trickier once we realize that spirals such as phi, the square root of 2, 3 and 5 are also emanating from the center of the sphere. As Lawlor said, these basic spirals determine the relationships between the different Platonic Solids. In order to explain this, we have to arrange it in a logical sequence.

1. Earlier, we showed how the Platonic Solids fit inside of each other. We can indeed build up the Hindu model in such a way as to have the entire Octave nested together into one giant series of nested spheres. So, we start by arranging all of these shapes inside of each other in their Octave order, like a jigsaw puzzle.
2. Then, we plot out where the vertices, tips or points of each shape are. With computer modeling, we could actually remove the shapes and just look at the points.
3. When we see just the points without being confused by the surrounding geometry, we discover that they give us perfect coordinates to show spirals that are emanating out from the center of the entire onionlike "nest" of spheres. These spirals are based on phi and the square roots of 2, 3 and 5.
4. Since we can clearly plot out these spirals, they obviously are "real" energetic structures, which precisely determine how the Platonic Solids "grow" from one into another. Just as a train will naturally follow wherever the train tracks curve, so too will the geometries naturally grow into the positions that the spirals create for them. Everything works together in perfect harmony.
5. The Russian research tells us that "torsion waves," or waves in the aether, are always spiraling in their form. Therefore, we can state with confidence

that these spirals are indeed one form of torsion waves.

6. In the Law of One series, Ra says that the evolution of consciousness through the Octave of densities proceeds along “the upward spiraling line of light.” They also introduce the concept of nested spheres of energy density, pulsating movements and Platonic geometry.

7. Therefore, it is clear that Ra expressed deep knowledge of how this geometry actually works, which Carla Rueckert herself was still not aware of when we co-presented with her on the same stage in Louisville, KY in May of 2002. She confessed that they had hit a “total brick wall” in trying to understand what Ra was talking about when they mentioned the “spiraling line of light” – a conceptual block that had persisted for literally 20 years before she heard Wilcock’s solution to the puzzle – which he gained by his own follow-up work with Ra, primarily through dreams and visions.

It has long been our contention that straight lines essentially represent the masculine polarity of energy in the Universe, and that the spiraling lines represent the feminine polarity. Both are equally important for Creation to exist, and they are indeed unified by the sphere, or the Oneness. Without the spiraling feminine lines in place for support, the masculine geometry could not build and grow. There are some very deep philosophical ideas about the relationship between the universal masculine and feminine principles that can be found by meditating on this arrangement, such as how the love of a woman can nurture and support a man. This may well be another layer of why the Vedic scholars had the god Purusha and the goddess Prakriti as the central figures of their system of sacred geometry.

Perhaps the reader is still having trouble visualizing how these straight and curving lines interact with each other. In Figure 7.2, the diagram on the left shows us the nautilus shell, which is one of the best ways that Nature naturally demonstrates the “phi” spiral to us. The diagram on the right shows the mathematical progression of the same spiral, and how it forms a framework for the geometry of six triangles. These triangles could be seen either as expanding outward or as coagulating inward, depending on your perception. Each triangle is related to its immediate neighbor by the phi ratio, meaning that if you compare the surface area of one triangle into the next larger triangle, you will get a proportion of roughly 1:1.618 between them. This is a relatively basic and well-known mathematical principle.

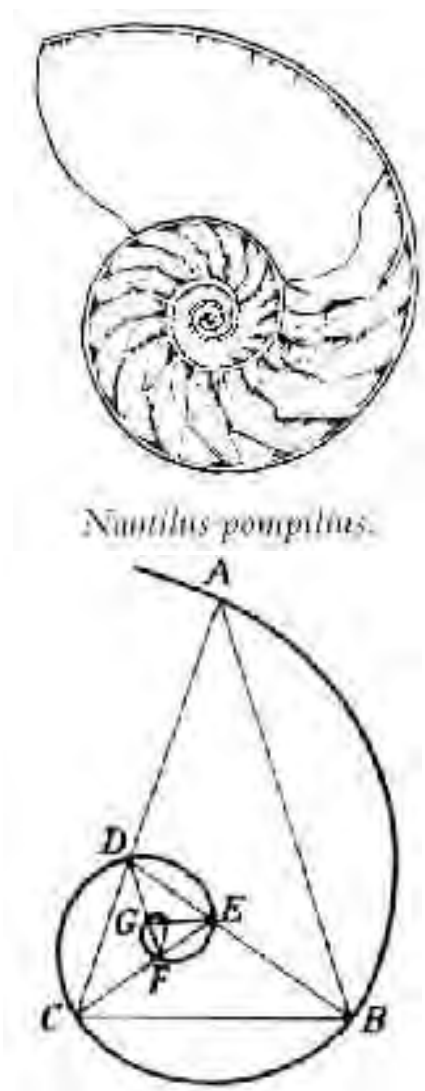


Figure 7.2 – The Nautilus shell (L) and phi spiral as it relates to the growth of triangles (R).

Now when we look at the triangle diagram on the right, we can imagine that the tight center of the spiral would represent the center of the sphere. Then, we would see the spiral as coming out from the center. The smallest triangle would be the geometry in the center, and then with each larger triangle we are moving closer to the outside surface of the sphere. Since most of the Platonic Solids have triangular faces, the next step would be to visualize how there could be multiple spirals emanating in different directions from the center of the sphere at once, all forming a collective matrix for the geometries to expand through, somewhat like how an inflating soap bubble is held in place by a plastic ring and expands as greater and greater air is blown into it.

Next, we will bring in another quote from Lawlor's Sacred Geometry, which deals with the work of Dr. Hans Jenny, showing the important effect that he has had on the field. Thankfully, for the lay reader we have already explained Jenny's experiments in far simpler language than what Lawlor uses here:

It is in the work of Hans Jenny [Ph.D.] that we can begin to see the relationship of form and sound in the physical world. Jenny's experiments

have shown that sound frequencies have the propensity to call into arrangement random, suspended particles, or to organize emulsions in hydrodynamic dispersion [i.e. particles floating in a fluid] into orderly, formal, periodic patterns. In other words, sound is an instrument through which temporal frequency patterns [i.e. patterns in time, such as the number of cycles per second] can become formal spatial and geometric patterns. [emphasis added]

That paragraph is a mouthful, with very technical wording, but it has all that we need. Again, Dr. Jenny's research, known as Cymatics, discusses what happens to particles floating in a solution when they are vibrated by sound waves; the particles mysteriously assemble themselves into geometric shapes. Figure 7.3 shows us this "Cymatic" force in action, and the Platonic geometry inside is easily seen. In this case, it is the harmonic of the fourth density, namely the two interpenetrating tetrahedra in a spherical field. With Jenny's work we can clearly see the spiraling lines that underlie the geometries, as well as the "spheres within spheres" effect, as there are at least three major boundary areas that you could draw a circle around in this image. In a private conversation with sacred geometry researcher Gregg Braden in April 2002, we were informed that all of the Platonic Solids could be modeled from this formation, which is why so much attention has been given to it. It is easy to see the five-sided faces of the dodecahedron inside the central star, as one example. The image is still slightly "off" because the fluid was not a true sphere, but rather a droplet of water on a vibrating wave-plate.

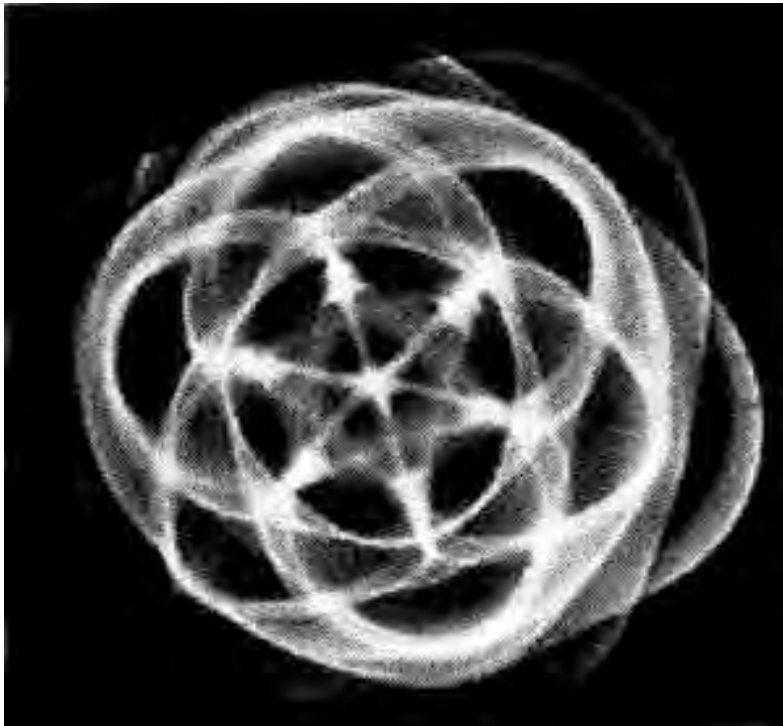


Figure 7.3 – One of many geometric structures formed by Dr. Hans Jenny's "Cymatics" research, using a vibrating drop of fluid with particles suspended inside.

So, Dr. Jenny's research puts the final word in on the importance of the geometric shapes in the sphere, in case we doubted their relation to the Octaves of color (i.e. visible light) and sound. The ratios of phi and the square root of 2 are also responsible for the difference between the various tones in

the Octave, when measured as values of vibration in cycles per second. You can take one note in the Octave and compare it to the note next to it, and the two notes will always relate by one of these simple “spiraling” ratios. Therefore, we can now see that even though it seems strange at first, every sound truly has a three-dimensional, geometric component. The same would be true for every color. Some people, including this author, have been able to perceive this connection automatically in mystical states of consciousness, without necessarily understanding the vision. Many people who have had these visions send us email with great relief that they have finally understood why they were seeing such formations in their mind’s eye.

As reported by Drs. William Becker and Bethe Hagens in their article “The Planetary Grid: A New Synthesis,” Dr. Hans Jenny’s crucial research was originally inspired by students of physicist Buckminster Fuller, who demonstrated the geometric structure of vibration within a fluid system. Fuller’s students created an experiment where a transparent spherical balloon was submerged in a bath of dye. They found that by simply vibrating the balloon at an even tone, the dye would well up in the areas where there was the least amount of movement on the skin of the balloon – i.e. the node points. We remember that all of the vibrations will “cancel out” in these areas, thus forming points of force that connect to form the Platonic Solids. Although most of what Fuller’s students perceived were the nodes or the tips of these geometries, in certain cases faint lines could be seen connecting the nodes together, literally forming these same shapes right in front of their eyes. Dr. Jenny wanted to find an even more direct and effective way to show this force at work, and he certainly succeeded quite admirably.

It is quite apparent that outside forces are diligently trying to help us understand and acknowledge the existence of this universal harmonic system, because of its significance to our civilization. Crop circles appear to be one of the most fundamental means by which the geometries involved in these harmonic systems are being conveyed to us. It is marvelous to have such a directly scientific form of communication from beings of higher intelligence available to us in the public domain. What we see is an image of very large size that is created in a popular and accessible area, which obviously attracts a great deal of attention. Many of these formations clearly show that they could not have been “hoaxed,” though there are many good-quality hoaxes out there as well – and we will explain the difference.

Though most researchers and observers do not really understand what these bizarre images are showing us, there are a few who have done quite well. Indeed, it is the work of mathematician Gerald Hawkins that inadvertently set out an entire theoretical framework for our discussion. Hawkins discovered an enormous repetition of mathematical diagrams of “consciousness units” without even realizing that this is what he had found. Hawkins knew that most of the geometric formations seen in crop formations were somehow incorporated into a circle. Though the circle was occasionally hidden with other images, he discovered that nearly all of the early 1990’s crop formations would take simple forms such as the triangle, square and hexagon and put them inside circles. As we shall see, these could certainly represent simplified “sketches” of three-dimensional shapes in many cases.

Hawkins discovered something extraordinary when he took the surface area of the circles in the formations and divided it against the area of the square,

triangle or hexagon that would be located inside. The relationships between these numbers are the diatonic ratios, or the actual vibrational frequencies that make up the tones in the octave. In other words, these simple flat crop circles eloquently display musical frequencies. Since the musical octave is interchangeable with the light spectrum, the Circlemakers appear to be giving us the exact same clues we have already been exploring – a common link between sound, music and geometry.

The importance of this find cannot be underestimated. Hawkins surprised everyone in the crop circle community by showing a completely new set of "geometric theorems" -- namely that the basic square, triangle and hexagon produced musical ratios when placed within circles. This mathematical work even attracted the attention of mainstream academics. But the implications behind this fundamental discovery never seemed to appear in Hawkins' work; he thought that the main purpose behind the Circlemakers' designs was that they were trying to illustrate these geometric theorems simply to draw interest and get us to "solve" the puzzles. On the surface this looks good, as by showing us a simple mathematical system of geometry and music that we did not yet understand, "their" higher intelligence is displayed. But why would they waste so much energy just making theorems for a few obscure mathematicians to decode?

Indeed, the idea that they are simply theorems doesn't quite seem to be enough; the theorems must be there to show us something that is much more fundamental, a form of universal law. These Circlemakers would obviously want to create information that would have a very practical use, given the universal emphasis that Hawkins demonstrates that they have received in the mysterious crop circle portfolio. To anyone who doubts that repeated examples of "consciousness units" in the crops exist, please visit www.cropcircleconnector.com, and check the photo archives therein. Or, any other source that shows pictures of crop circles will do equally well, as literally almost every formation attempts to convey the same basic information.

So, what the Circlemakers actually were doing was showing us a simple sketch of the architecture of the universe, as we have now been exploring it. The 2D geometries of circles and triangles quite naturally can be expanded into 3D spheres and tetrahedra. As Fuller demonstrated with his vibrating ink-filled balloon and Jenny demonstrated with a simple solution in water, the musical and geometric ratios of the octave are still preserved when we blow out our diagrams to 3D. Thus, most of the flat crop circle diagrams that show these basic shapes are simply blueprints for designs that are obviously much more complicated to render; designs that are drawn to indicate three dimensions. And since we visualize these crystalline geometric energies as three-dimensional shapes, there should be an example where the Circlemakers did in fact try to render an accurate picture of a "consciousness unit" such as a tetrahedron within a sphere.

Miraculously, there is such a rendering, and this formation still stands as one of the most fantastic ever to be impressed into the English countryside. This image has stirred up massive amounts of interest and research, including that of Joe Mason, the researcher who first introduced the author of this book to the "Breath of the Divine" and Consciousness Units. From all of the evidence, we will show that although the American media and metaphysical / UFO community has largely turned a blind eye to the entire phenomenon, there is

much, much more to it than a series of successive hoaxes.

THE REAL STORY OF THE CROP CIRCLES

In the movie *Contact*, which many of us have seen, satellite engineers who were looking for messages from the Beyond tuned in to a radio frequency that was being beamed out from the star Vega. Once decoding the signal, it first provided personal information about us; namely our first televised broadcast, which happened to be from Nazi Germany. The alien signal then proceeded to give a complex series of blueprints. The scientists puzzled and pored over this information for a long time, and could not figure out what it meant. It was only when the cigar-chomping billionaire in the movie realized that the flat blueprints needed to be expanded into three dimensions that the meaning suddenly popped into place - in this case a cubical matrix of specific images. Ultimately, humanity was given a tool that would allow our civilization to have access to these unseen realms where the Vegans lived. The three-dimensional cube of images provided blueprints for a concretely physical piece of technology – a giant set of spinning rings that created a spherical ball of light in their center, which then opened up a wormhole through space and time.

Carl Sagan was obviously tapping into the collective unconscious when he first wrote his book about this fictional SETI discovery, which the movie was based on. However, we don't need SETI at all; the Extraterrestrials are already here on Earth, and we have already been given the blueprints that the movie refers to. Furthermore, there are uncanny parallels between Sagan's machine that the Vegans designed and the way in which we might expect a giant "consciousness unit" to look; a giant, wildly pulsating sphere where lines can be made out inside. The pod itself in the movie was a sphere with a dodecahedron superimposed over it - the actual geometry of the sixth dimension. Perhaps Sagan and the makers of the movie were aware of more than they outwardly alluded to, and there is evidence from Dr. Richard Boylan that Sagan was on a "black-ops" scientific team and payroll.

The more we think about it, the more it all fits together. In *Contact*, this giant machine was the entryway into something that was surprisingly similar to what we might expect Ascension to be like; a dramatic shift to a different frequency of energy, and a heavenlike new world emerging. So, Sagan's work falls perfectly in line with the idea of obtaining information from the Collective Unconscious; many science fiction writers such as Arthur C. Clarke have inadvertently predicted future events and technologies.

So, just as *Contact* postulated a set of diagrams and blueprints from extraterrestrials, the crop circle phenomenon gives us the same thing in true reality. Indeed, it has been going on continuously in Europe since at least 1976. What we now have is a huge library of cryptic visual images that do not appear to have been solely generated by humans. The case is similar to the rediscovery of Egyptian hieroglyphics; scientists knew they had to mean something, but they were at a loss to crack the code until the discovery of the infamous Rosetta Stone. This clay document showed a set of identical writings in Greek, Aramaic and in hieroglyphics, and since the researchers understood the Greek, they were able to decode the hieroglyphs. The Rosetta stone for crop circles is geometry, mathematics, symbol and metaphor.

The American and European corporate media very carefully indoctrinated us

with the belief that these magnificent designs were the work of Doug and Dave: "two portly English gentlemen, a few pints of beer, a funny cap, and a string and board". According to the legend, these delightfully mischievous old chaps took great pleasure in taking time off from work, getting trashed all night and sneaking out to farms all across the English countryside. In their mirthful stupor, with the ingenuous tactic of wooden planks for shoes and long strings for a giant compass of sorts, they joyfully stumbled about, stamping down fantastic geometric shapes overnight, occasionally doubling over in laughter at their cleverness. Their portfolio includes perfectly executed depictions of fractal mathematical equations such as the Mandelbrot Set, the Julia Set and the Koch Snowflake. They would plan the next fractal over the stench of thick brown beer, as toothless mouths excitedly spouted new ways to display advanced theoretical mathematics graphically.

How, then, does the debunking media explain that this also has happened literally all over the planet? India alone recently announced the appearance and cataloging of some 10,000 crop formations since the 1970's, and circles have appeared in almost every major country on the globe, whether in rice paddies, grain crops, mud, dry lake beds or even ice. In the "Awakening to Zero Point" videotape, Gregg Braden shows an image of a spiral formation that actually emerged in an underwater sandbar. Despite all of these appearances, there are literally only a handful of American websites that are fully authorized to display these images, and all we have from India as of Feb. 98 are line drawings of three formations.

The astounding complexity of the most recent batch of formations from summer 1997, 98 and 99 defies even the most hardened scientific minds from explaining them away. The old-fashioned explanations of "localized plasma vortices" or "an army of hedgehogs running round and round" simply do not hold weight. In most true crop circles, the stems are usually bent at the growth nodes, not broken, and they exhibit measurable radiation and signs of being heated. This has led most serious crop circle researchers to conclude that they were formed by some sort of microwave radiation that cooked the joints. This cooking turns the water in the crop into steam, which causes the growth nodes to become pliable and bend. (Hessemann, 1996 and others.)

Indeed, seeds and plant fragments are often found that look as though they have been burned in a microwave oven. But how could you possibly use heat on something like dry grass and expect it not to torch up on you? Interestingly enough, large amounts of nearby underground water have been known to spontaneously disappear after a circle is formed. This fact has been confirmed through the use of infrared photography by the crop circle researchers. It certainly appears that the water was being drawn out of the land to keep the fragile crops from burning. No known microwave technology exists that could be beamed and executed with such precision, forming beautiful patterns, while simultaneously drawing upon underground water as a coolant (CCC website.)

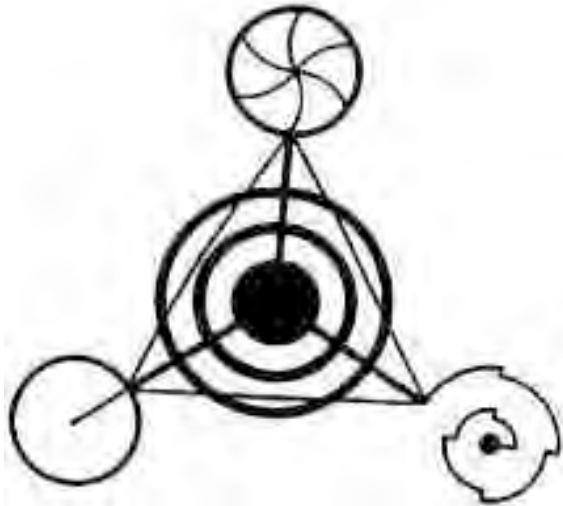
Desperately grasping for a more comfortable solution to these radiation mysteries than the notion of extraterrestrials or some similar outside intelligence, we could propose a top-secret government project. This would mean that someone is obviously making a tremendously secret effort to get us to decode these shapes; yet all documented covert government involvement seems geared towards discrediting and / or hoaxing the phenomenon. This can be seen in the total denial in American media that this

is happening at all, even in the many X-Files-type television programs and documentaries, as we previously mentioned. It is as though one of the most fantastic communications from the realm of the spiritual forces has completely left Americans in the dust, through their apathy and simple belief in what they are told by the authority figures in the media.

It goes without saying that numerous crop circle formations have been directly correlated with phenomena such as UFO sightings and dogs going crazy the night before. Thus, they do not simply "show up;" the evidence points to the fact that outside forces are involved. It would appear that the natural tendency would be for the UFO cover-up to continue, and it is amazing how well of a job "they" are doing. Even legitimate UFO researchers with great interest in the field have often turned deaf ears to the discoveries from the crop circle camp. Furthermore, since the crop circle researchers have strict copyrights and controls on any outside display of their pictures, very few people have actually seen what is going on out there with any serious level of redundancy.

Furthermore, there are clear indications that someone is handsomely paying people such as our drunk and friendly English gentlemen Doug and Dave to lie. Every year there are a greater number of sophomoric, manmade crop circles in an attempt to make the entire phenomenon appear to be fabricated. Even some well-versed metaphysical friends of this author have hissed, "Ah, it's a bunch of college kids" when presented with the topic. Doug and Dave were cut to pieces in interviews where they were asked how they duplicated various forms, openly admitting that they were not responsible. The fake crop circles can usually be spotted almost immediately upon first glance, as they generally lack the sharp edges and incredible mathematical perfection of the true formations. There are other, more scientific ways to spot a "real" formation as well, which we shall discuss in a moment. We therefore should not run from an unsolved puzzle that appears to be coming from an outside intelligence.

Historically speaking, the crop circle phenomena have just gotten better and better every year. They started in the late 70's and early 80's as nothing more than gigantic, perfectly round circle shapes. Then, in the mid-1980's, "agriglyphs" began appearing, which were straight-line formations that connected two or three circles together in various designs. The formation we will be discussing, Barbury Castle 1991, was one of the first major departures from these agriglyphs; it ushered in an entirely new era of complexity in the formations. This was the Mother of All Crop Circles: a formation that appeared literally overnight, and was of fantastic size - 31,680 square feet.



The impeccable quality of this image clearly illustrated that it was really meant to catch our attention. One of the first things noticed was that the square footage of the object, 31680, was the number given in the Bible for the size dimensions of the New Jerusalem. John Michell writes about this in great detail in his books. The New Jerusalem was written of as being the city that represented the "Golden Age" to come after the return of the Messiah; and the number 31680 was intended to be profoundly symbolic, indicating a dimensional shift, if you will, into a whole new kingdom that was much closer to Divine Light.

The number 31680 appears in another form directly related to the New Jerusalem, and that is in the harmonic, vibrational science of gematria that we had mentioned. If you vibrate air at 3168 times per second, you will create a musical tone, and therefore the number can be directly transposed into a dimensional "energy density" in our harmonic aether system as well. Early Church fathers working with these sacred numbers declared the number 3168 to be the number of Jesus Christ. Thus, by removing the zero from 31680 to get its harmonic equivalent in 3168, which can be done in the base-ten counting system, we have another allusion to a Messianic message of some sort, plus a flagging of the same "harmonic numbers" we have mentioned here before.



And so, with the exact footage corresponding to the number for Jesus Christ, the coded message in the formation might very well be "The messianic revival of the Christ, ushering in the New Jerusalem, the age of heaven on earth." This starts to make even more sense when we discover that the combined area of the three circles on the outside of the diagram have the exact same area as the inner circle. This gives us a further meaning, which could be seen as "Three in One." According to Joe Mason among others, this appears to be an allusion to the view of Creation held in Christianity as the Trinity, in Egypt as Osiris / Isis / Seth, and in many other similar world mythologies including Buddhism.

The Gnostic Christian diagram shown here clearly indicates that the concept of the Trinity was directly associated with a tetrahedral "frequency object" that Jesus was pictured as holding in his hands. The metaphor was further strengthened by the fact that he was given three faces. These three faces hold remarkable similarity to Hindu and Buddhist designs. So what exactly is this trinity, anyway, and why did the Gnostics want to associate it with the hyperdimensional geometry that we have been investigating?

This 'three in One' concept quite literally means that from the One springs the Two, duality, such as male and female, yin and yang, light and dark, et cetera, which then generates the Three, expressed as the beginning of life and matter. More simply, according to mythology historian Joseph Campbell, this triple design would represent the archetypal idea of the Father, the Mother, and the androgynous son. These three principles are the fundamental archetypes that make up all of our personalities, the Father being the active principle, the Mother being the intuitive principle, and the Son being the fusion of these elements into the life experience. [The Holy Spirit is not generally referred to as a mother "god" in Christianity, but great evidence supports the fact that this is the archetype.]

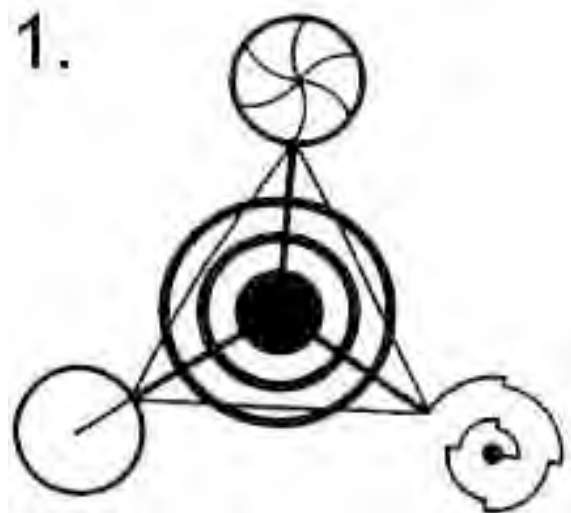
These could also be seen as the three syllables in the Hindu AUM, the word

intended to convey the total nature of Creation as a sound vibration; the A being the Father, U being the Mother, and M being the Mahem, man, or Son. It is outside of the present scope of this book to delve further into this particular discussion at this point, but Joe Mason has written numerous articles on these topics, and his knowledge on the subject certainly piqued and expanded the author's interest. Mason's writings are on his and Dolores Finney's website, www.greatdreams.com.

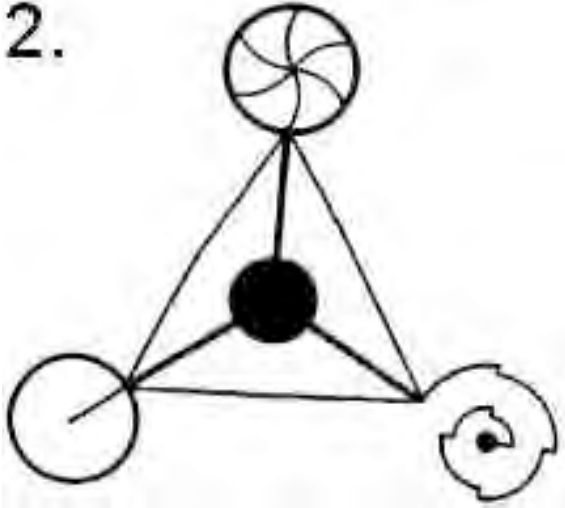
So far, we have a message that could be taken to be very Christian in origin, with the Messianic revival, the New Jerusalem and the Trinity or Three-in-One; but we also have the harmonic geometry of the next dimension above our own, which it appears that we are now moving into. From Joe Mason, we get another point regarding this symbol that is not usually discussed. It now appears that the exact day when it was formed was intended to convey powerful symbolic meaning as well. Genesis 8:4 describes the Ark of the Covenant as appearing on the seventeenth day of the seventh month. Interestingly, it was on July 17th that this all-important formation appeared! Therefore, through careful timing it seems that someone wants us to view this all-important symbol as the Ark.

So what exactly is the Ark of the Covenant, you ask? In the Bible it is referred to as a coffin-shaped golden object that possessed tremendous power for those who knew how to harness it. Many authors have speculated that it was a technological device from an extraterrestrial civilization, possibly using radiation as a source of power. This device could produce fabulous power to those who knew how to use it, but it also could cause great harm. According to Bible legends, no one was able to touch the Ark without suffering a fate that reads very much like electrocution. Therefore, the symbolism of the Ark in this formation could refer to the fact that the diagram has some sort of universal secrets contained within it. The Ark therefore has vast symbolic importance in Christian myth, representing the mysterious forces of God being harnessed into manifestation.

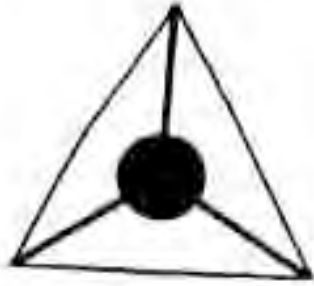
Our original point of entry into the discussion of the tetrahedral shape in Jesus' hands is how it pertains to our EE units as given by Seth in previous chapters here. These EE or consciousness units are also the same as the basic geometric shapes being placed within the sphere. Our discussion gets much more interesting as we begin looking at the Barbury shape itself, and start to notice what it is only slightly hiding from view.



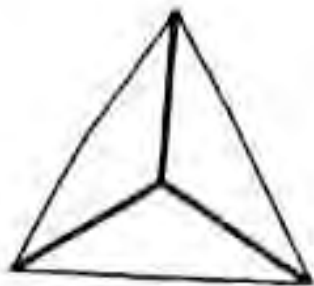
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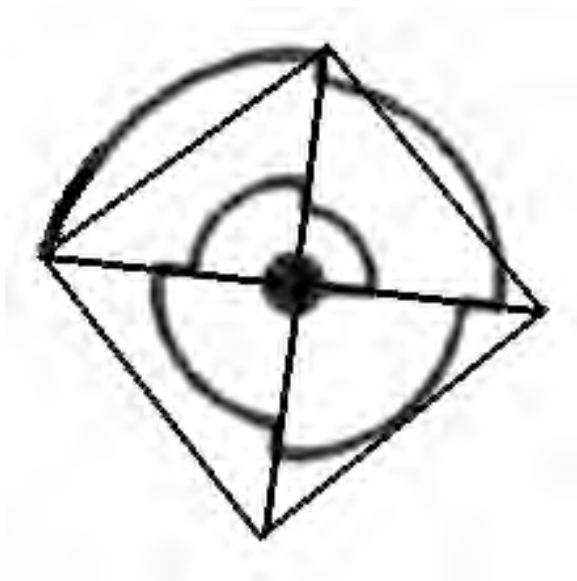
Here we can see that by gradually clipping out different sections, this image clearly outlines the shape of a four-sided pyramid, or a tetrahedron. Mathematically, this is the simplest three-dimensional shape that can be made. As we have shown, the tetrahedron is the organizing energy that forms the fourth dimension, which we now appear to be heading into. We can then begin to understand why Jesus was shown with a tetrahedron in his hands;

Jesus could see the fourth-density energy that forms the Kingdom of the Father.

The other, even more obvious form of this geometric knowledge expressed in the Hebrew tradition is the Star of David. This religious symbol is rendered just like a crop circle, where we have a two-dimensional image that perfectly details the appearance of the interlocked, or star tetrahedron, within a sphere. The interlocked tetrahedron is an even more accurate depiction of the actual "appearance" of Fourth Density energy. Remember that in order for these dimensions to be navigable by entities such as ourselves, there has to be a simple and perfect order to everything. This explains why in Seth's readings it said, "We created these cubes to be used as guides." In short, through this geometric ordering, you can actually see the energy that you are working with. It appears that this was part of the plan that the One Mind of God originally had for us.

Thus, the tetrahedron, with all of its symbolic trimmings, illustrates the fourth dimension as being the "Kingdom of the Father" that was promised in the Bible as coming to replace the current "heaven and earth" that we have right now. Though we may never actually "see" this form in the physical plane, the foundation structure of all physical matter has already been "upgrading" to this frequency in the 20th century. As Ra often indicated, it is only the diehard three-dimensionality of so many humans on Earth that stops our physical environment from already being transformed.

As one final note for this chapter, we can point out that the design itself was showing us a dimensional cosmology. If you look back to the photograph, you will see three circles at the corners of the tetrahedron. The first circle has nothing within it but a line extending out to its center point. This would symbolically illustrate the first dimension, or the point, or the Oneness. The second circle has a series of spiraling lines, indicating the "fanning-out" of the point into two dimensions. This is the point where motion is introduced, and the basic framework of vibration for physical existence is first created, as we have already indicated in previous chapters. Then, our glyph for the third dimension is quadrilateral in nature. What it depicts is the top half of an octahedron, shown in the spiraling, spherical form of its energies, and we have already seen that the octahedron should represent the third density or dimension in the Hindu geometric cosmology. If we were to make a paper cutout of this form and pull it up from the circle in the center, we could certainly see the three-dimensionality of this shape. And here, we have an image that shows exactly how this would work- the "hidden" shape pops out as though it was always meant to have been there.

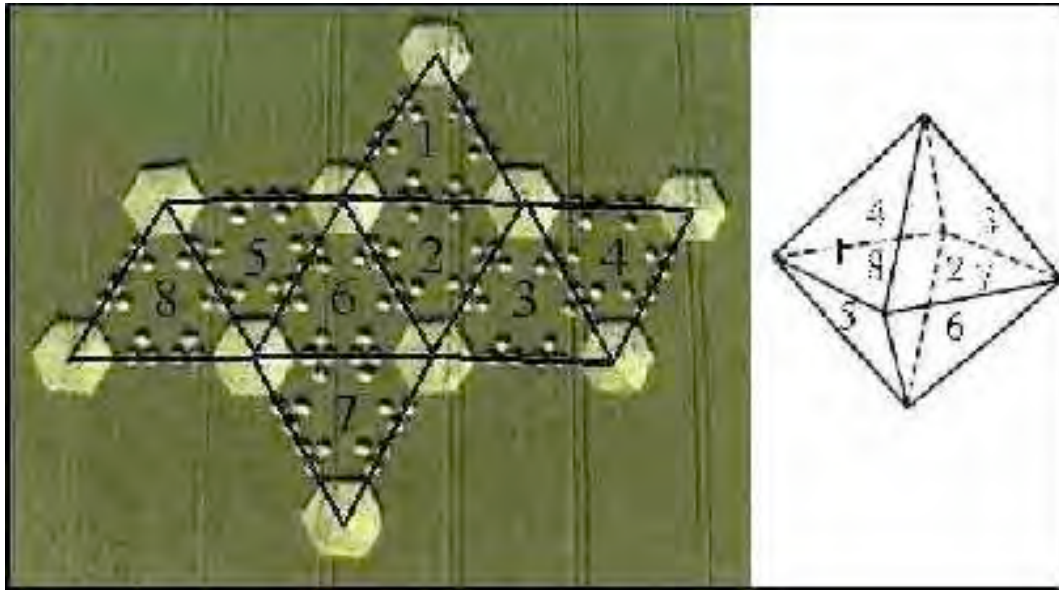


So, what we have in the outer circles is a geometric progression of the first, second and third dimensions, illustrated for us in a field of wheat. The fourth dimension is the focal point of the entire formation, represented by the tetrahedron within the sphere in the center. The fact that the three outer circles all add up to the inner circle must also indicate that this fourth dimension is the summation of all that had occurred before it. It is also interesting to point out that the crop was extremely green when this formation was made, indicating the passage to the green-ray vibrational level of the fourth dimension. More recent formations have dramatically indicated even higher-dimensional geometries such as the cube within a sphere, such as in this immensely satisfying photograph from Steve Alexander. This is the naked truth of our physics model displayed to the world, spheres within spheres and Platonic Solid geometry, including the depiction of a central axis for the spherical torus, for "those who have eyes to see."

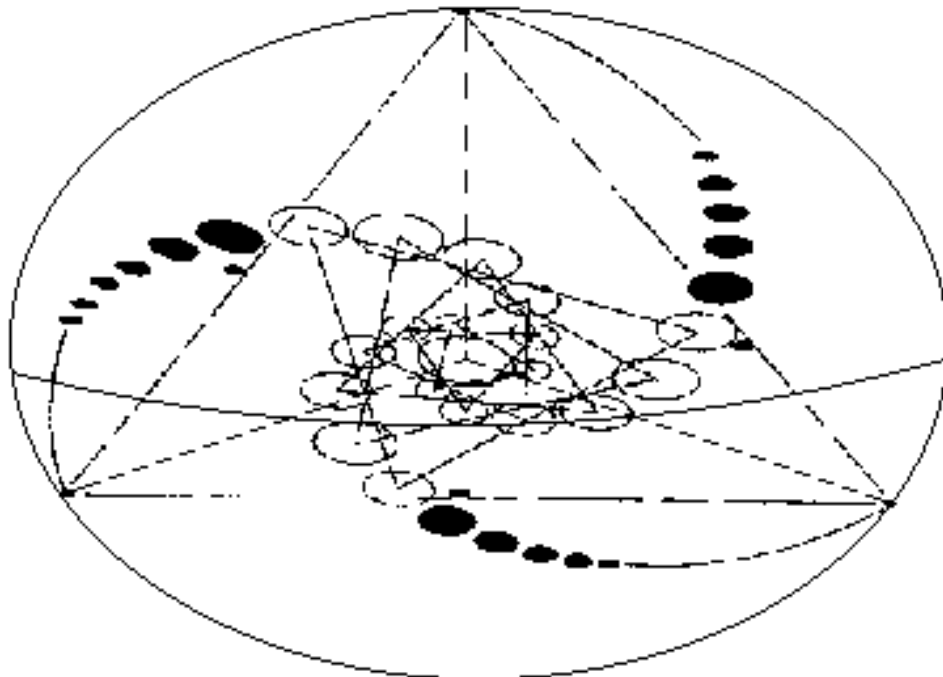


In the next image, also from 1999, we can see that we were given the idea of the third-density octahedron being "unwrapped." Some have told us not to use

this image, as there were signs that it was a hoax, but nevertheless we include it for your consideration:



The next image is of the "Triple Julia Set" formation from 1996, represented by the circles, supplemented with a series of straight lines and a spherical globe around the outside. By adding in these extra lines, we can perceive the intended hidden message very easily - a pulsating tetrahedron, emerging from a center point and ratcheting outward. We also see how the curving lines of the formation itself correspond to the lines seen in the previous image from Dr. Hans Jenny's research with sound frequencies in water. These curving lines should be visualized as though they were outward-curling flower petals originating in the center of the diagram:



Crop circle diagram by Ed and Kris Sherwood, with permission, with added outer sphere.

So with formations such as Barbury Castle and others, we have seen different hyperdimensional geometries emerging, including tetrahedra within spheres. Richard Hoagland and his team, then known as the Mars Mission, turned their attention towards these formations for that very reason, as they had found the tetrahedron in their own way- namely, encoded into geometric ruins that they found in Viking photographs from Mars.

CHAPTER 08: RICHARD HOAGLAND AND THE MESSAGE OF CYDONIA

In this chapter we go in very specifically to look at the life and research of controversial frontier scientist Richard Hoagland.

We take a brief look at the case for there having been a lost civilization on the planet Mars, building pyramidal structures as well as a gigantic edifice carved into the shape of a human face.

Most significantly, we explore how Hoagland's team showed that this entire "City" complex of formations reveal all of the basic mathematical principles of the fourth-dimensional phase of the CU - namely, a tetrahedron within a sphere.

We can then see how this knowledge of the physics of the CU is not confined to Earth civilizations.

CHAPTER 08: RICHARD HOAGLAND AND THE "MESSAGE OF CYDONIA"

As any reader can discern from Wilcock's personal data, a profound and life-changing event occurred when he was a sophomore in college, during the year 1993. David had a friend who was told by his physics professor, in no uncertain terms, that UFOs were real and that we had reverse-engineered their technology. Some of the data and details were similar to the material that was later released by Colonel Phillip Corso in 1997, in the book *The Day After Roswell*. Corso's book, which also discusses reverse-engineered ET technology, provided an excellent validation of the facts that David had initially received.

David was deeply and permanently transformed by receiving this information. He decided that the only possible choice he had was to devote his entire life to understanding and explaining this phenomena, as nothing else could possibly be more important. This personal transformation took place over a few weeks, as he walked around and interacted in daily college life. With the new knowledge of the reality of the UFO phenomenon, everything was changed forever, in an irreversible manner. There was no going back to the way he had looked at the world before; it was a complete "paradigm shift." The weight of evidence threatened to burst forth from him wherever he went.

The people around him now seemed like puppets in a gigantic, cosmic shell game, manipulated by an invisible hand they would never see, much less even imagine. The world governments were jealously guarding the greatest revelation in the history of humanity as college students sucked on "cancer sticks" in the Food Court. When he tried to tell them what was going on, their emotions ranged everywhere from terror to ecstasy to rage. One person even asked him with deadpan seriousness if he was a member of a cult. Obviously, he tended to favor those whose reactions were ecstatic.

A few months after the initial discovery, the same friend again visited David, only this time the information added fantastic new dimensions to what had already been said. David's beliefs had already stretched quite a bit in order to allow the reality of extraterrestrial life to sink in, so he was very eager to learn more. This new era of revelation came when his friend was given a copy

of the Richard Hoagland / Mars Mission Briefing to the United Nations in 1992 as a gift from his grandmother. This videotape was a complete summary of the research being done by Hoagland's team, then known as the Mars Mission, regarding "The Monuments of Mars" or "The Martian Enigmas." It was a videotape of a live presentation given directly to the United Nations on their own turf- so obviously, this information was attracting some attention.

By now, most people are aware that an enigma of sorts exists. The Mariner 1 probe photographed unmistakable tetrahedral pyramidlike forms back in 1971, referred to as the Elysium Pyramids. This in turn spurred research at SRI International with remote viewing, involving JJ Hurtak, Ingo Swann and others. This was the very first phase of consciousness-related work that suggested that a civilization had been there. This work was later included and enhanced in Hurtak's epic work Keys of Enoch, which pre-empted Robert Bauval's discovery of the Orion-Giza connection by more than fifteen years.

Then, in 1976, the Viking Orbiter 1 satellite was photographing of the Martian surface, and on the thirty-fifth pass over the lunar surface, frame 35A76, the apparent visage of a human face stares up blankly from the surrounding desert. From what little can be made out in the unenhanced original, it appears to be a giant formation of rock, hardened lava or sand in some form or another. The NASA scientists at the time dismissed it out of hand, and did not prioritize any further time with the Viking probe to photograph it before the probe "died", running out of its limited fuel supply. They simply could not accept that it was anything other than a curious and unimportant Martian feature.

The "face" image would lie uninvestigated for years as situations developed that would eventually bring the reality of its existence to the masses. True, NASA did release fuzzy photographs of it early along, and David remembered seeing it in copies of Odyssey Magazine, an astronomy journal for young people, when he was in second grade. He remembers being completely shocked the first time he saw it, and felt that there was some fantastic truth out there waiting to be discovered. Richard Hoagland fulfilled this task, and may well be the single most important historical figure in alerting the public to these enigmas.

In 1965, at the age of only nineteen, when most young people were still chasing after the opposite sex and enjoying their newfound freedom to drink beer legally, Hoagland became curator of the Springfield, Massachusetts Museum of Science. Obviously Hoagland was a "boy genius" of astronomy to have secured a job like this at his age. His creativity and desire to "think big" led him to design and produce a giant commemorative event for Mariner 4's flyby of Mars - the first time that our species had sent a probe to another planet in the Solar System. He had an audience of 2000 people at the museum, and 5000 more press and scientists watching at JPL in Pasadena, California.

Clearly this was no small feat for a man at an age where most people are lacking in self-confidence or knowledge of what they really plan on doing with their lives. Then, when Hoagland was only 20, he served as a consultant to NBC regarding the first soft-landing of a human-built probe on the lunar surface. Subsequent opportunities emerged, leading to a spot on The Tonight Show among other things. This is the obvious reason for why Hoagland did not

pursue "higher education;" he was already at the cutting edge.

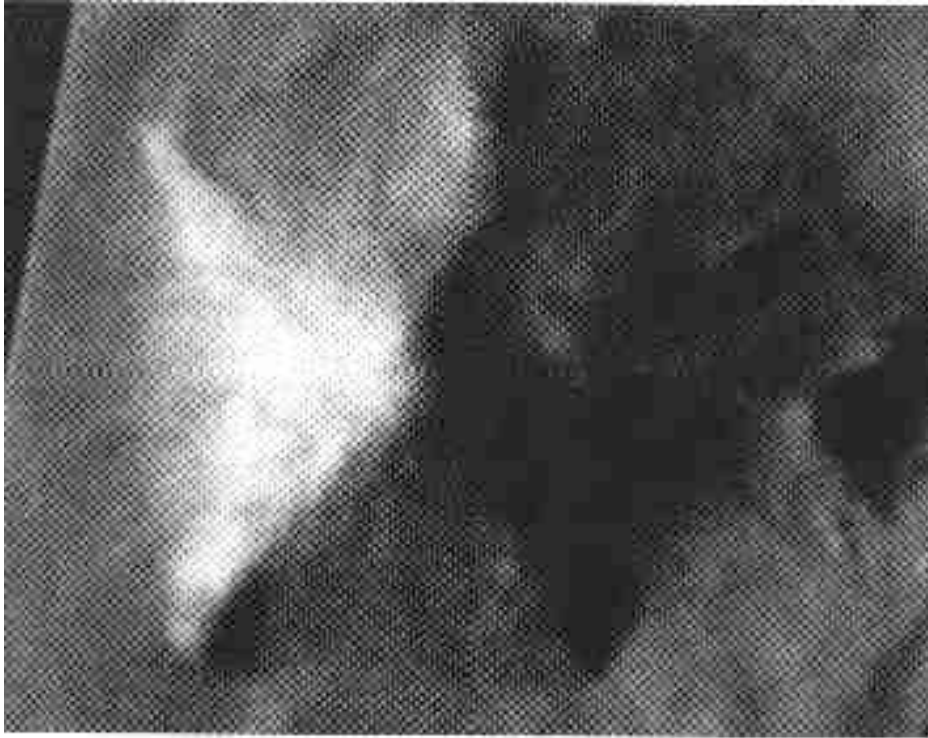
Then, in 1968, after another "good move" in Hoagland's career by becoming Assistant Director of Gengras Science Center and Planetarium in West Hartford, CT, Walter Cronkite took him in as a consultant to CBS News. This gave him the unique position of explaining the science behind the Apollo missions to the American public at age 22. By 1971, he had been involved in several other prestigious efforts, and with Eric Burgess, he designed the famous engraved plaque designed to tell other species of intelligent life what we look like and where we live. Carl Sagan was able to make it happen and get it mounted on Voyager, and acknowledged their effort in the academic journal *Science*.

Then, according to his introduction in *Monuments of Mars*, "Since 1971 Hoagland has held a number of editorial, managerial, and consulting positions in the space-science world." In the January 1980 issue of *Star & Sky*, Hoagland set forth his "Europa Proposal," where he cited evidence of water ice on Europa as leading towards what editor Terry Dickinson called "The first new plausible location for life in the Solar System in ten years."

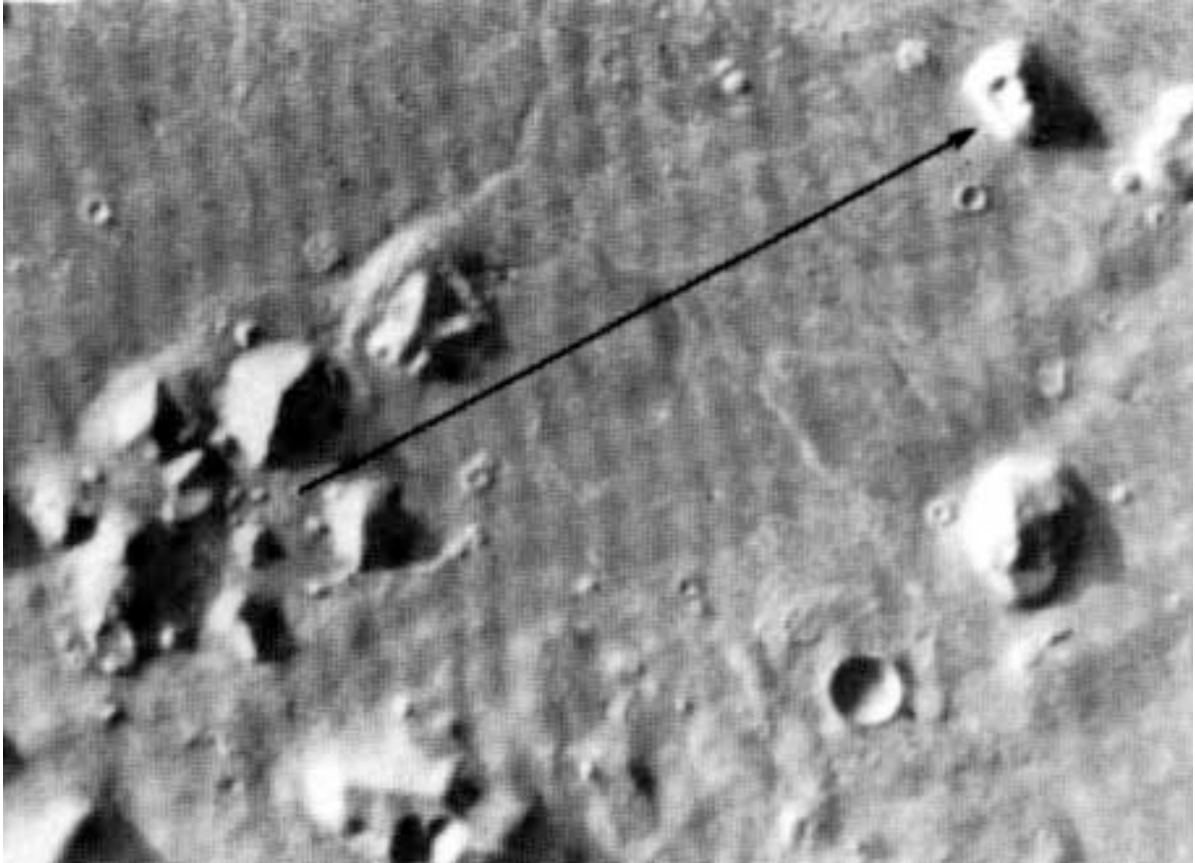
Then, in 1981, Hoagland went to a conference in Boulder, Colorado, and there he met Vincent DiPietro and Greg Molenaar. DiPietro is the one who needs to take the claim of being the first to actually devote serious attention and intellectual study to the Face on Mars. His career is as an electrical engineer, focused in digital electronics and image processing. He had first seen the Face in a magazine of "extraterrestrial archeology" and promptly dismissed it as a hoax. It would take two and a half more years before he would again come across the photograph while he was searching through the NASA archives of the Viking images.

Soon Greg Molenaar was also brought in on the game, equally fascinated by this enigmatic object staring up from the picture frame. Molenaar is a computer scientist with a similar background as DiPietro, and they were both good friends and colleagues by this point. Together, they strove to improve the resolution of the Martian face image, and this eventually led them to design a pixel-by-pixel image enhancing process called "Starburst Pixel Interleaving Technique" or SPIT. This technique paved the way for their realization that the Face was indeed symmetrical; the SPIT processing brought out details on the shadowed side of the photograph that would otherwise be impossible to see.

Later they would discover an additional frame of interest, 70A13. This provided them with more detail that was vital to their investigation. Among other things, 70A13 directly paved the way to the discovery of a gigantic five-sided pyramidal object that was situated in very close proximity to the Face, a mere ten miles to the southwest. This object was later dubbed the "D&M Pyramid" in their honor. The SPIT processing showed that this object was of fantastic interest, almost certainly artificial due to its amazing geometric structure.



Furthermore, they became aware of a large Egyptian-style pyramidal object that was also approximately ten miles due west of the Face. This sharp-edged, symmetrical pyramid also was surrounded by a host of other roughly pyramidal mounds gathered closely together, and hence the whole area was named "The City." The appearance of this one particular enigmatic object on the Martian sands is literally identical to aerial photographs of the Great Pyramid. In the following image, Hoagland's team included the arrow on the original to indicate how the Face would have been viewed from a series of four mounds in the center of the city itself. The gigantic pyramid cannot be missed, directly above the arrow, flanked by what appear to be two significantly smaller pyramids, one to its western corner and one to its northwestern corner. Other enigmatic formations including "The Fort," to the east of the giant pyramid, can be seen as well, and it is possible that the entire area is a series of pyramids, most obscured by sand buildup.



The most recent NASA photographs have only increased the resolution of this area, but this was never even discussed in the mainstream media with any seriousness until 2000, with the release of the Mission to Mars film from the Disney corporation.

Although Hoagland was presented with this material in 1981, he took no further action upon it until 1983. (Keep in mind that by this point, the Ra contact had already ended and questioner Don Elkins would soon die. Nevertheless, we will see how Ra spoke of this ancient Martian civilization later in our discussion.) This polite refusal to pay attention was the typical reaction from the scientific community, which stymied any effort made to get this material out to the public.

Hoagland eventually got back in touch with DiPietro and Molenaar as a direct result of his own work on "The Thing in Saturn's Rings," a large object that emitted very high levels of radio frequency for no apparent reason. As he refined his search, Hoagland was attracted to the edge of the rings, where he could barely make out a series of small satellites, or objects, which might provide a further clue to the mystery. (It is good to note here that after Hoagland dropped the ball on the "Thing in the Rings," Richard Boylan, Ph.D., [who strongly suggests that it is an extraterrestrial spacecraft of some sort, due to its erratic maneuvers and enigmatic properties,] picked it back up.)

Hoagland was interested in DiPietro and Molenaar for their knowledge of image enhancement. He wanted them to process the images of the enigmas in Saturn's rings, but his agenda would soon change. The researchers mailed him much more recent, updated versions of the photographs and their analyses, and while he studied them at home, it finally hit him with the arresting force of a planetary collision. Says Hoagland in Monuments:

I realized that I was looking at something that was either a complete waste of time, or the most important discovery of the twentieth century if not of our entire existence on Earth.

Hoagland quickly took DiPietro and Molenaar on board and formed "The Mars Mission." This was not to say that it was easy for Hoagland to acclimate to the possible reality of this data; in his own words, he was "dragged kicking and screaming" to the truth of such an incredible postulate. But slowly and gradually, the pieces started fitting together.

Hoagland himself made important contributions to the data, including the discovery of the "Fort," situated directly northeast of the Egyptian-styled pyramid and "City" as we have just shown. It is quite clear to see that the "Fort" is a highly geometric object in the image. It looks exactly like two adjoining sides of a square building with a center courtyard, connected together at a near-perfect 90-degree angle. More recent photographs have indicated that what appeared to be a courtyard is actually an upward-slanting mound that cast a shadow, but even in the new images the clear geometry of this formation can be seen. Furthermore, the placement and positioning of the "Fort" makes it a prime piece of real estate to directly observe the Face from one edge and the five-sided D&M Pyramid from the other.

Hoagland continued to make discoveries, including the fact that the Face was positioned with a great deal of ritual significance. The sunrise on the Equinox would occur directly behind the Face, and a mound of earth many miles to the east of the Face seemed to serve as a means to deflect glare and make this Sunrise even more sudden and powerful to behold. In short, all the pieces were fitting together that suggested that this was a lot more than just a bunch of "stuff." It was, for all intents and purposes, a stunning looking glass into a mysterious and unknown past, on a planet in our Solar System that was not "supposed" to have life on it.

Another "multidimensional shift" in progress would come in 1988 with the addition of Erol Torun to the Mars Mission. Torun was an expert cartographer from the United States' own Defense Mapping Agency. Torun's job was to insure that he could tell the difference between a sand dune and a camouflaged enemy bunker. The best way to determine if an object was artificial was by applying fractal mathematics to the image, and Torun was an expert in just that. Using fractals, Torun could measure the degree of irregularity and change present within any object in a landscape. An artificial object would receive a much higher "score" than a natural one, due to the degree of sudden changes present within it. Torun soon discerned that the Face and City areas were by far the most highly fractalized, or random, areas of the entire vicinity.

Torun's work proved of inestimable value to the mission. He was the first to "orthographically rectify" the Viking images. What this means to the lay person is that Torun applied his exacting scientific protocols to turn the frames in question into maps, with precision coordinates properly aligned North to South. This presented everyone involved in the investigation with an opportunity to make exacting measurements of the placement of different objects in the Cydonia region. But nothing could prepare them for the discoveries they would soon make.

Within a very short time, the evidence mounted to indicate that one of the main functions of this City was to give an encoded, geometric "message" to its future discoverers. As is explained in great detail in *Monuments of Mars*, as well as Hoagland's site, www.enterprisemission.com, the brunt of this message centered around the ratio of two fundamental mathematical constants; namely "e" and "pi." The constant "e" comes from the study of exponents in trigonometry; it is a value that preserves symmetry in calculations where using exponents to a power of 10 would disturb it. We already know that "pi" represents the circumference of a circle when its diameter is a unit of 1. In the Martian city, there is a repeated suggestion to mathematically divide these two values together. The "e/pi ratio," when expressed as a numerical value, comes out to approximately 0.865. With almost ceaseless repetition, pairs of adjoining measurements in Cydonia would have this same exact ratio between them. The most common of all was the angle relationship of 22.5 degrees to 19.5 degrees.

Without much delay, the Mars Mission team realized that these angles and ratios were demonstrating something much larger than they could have ever imagined. They seemed to illustrate, in Hoagland's words,

..."the fabric of Reality" - how Matter, Time and Energy are woven into the tapestry of Everything... from stars... to planets... to atoms... to living systems... to Intelligence itself....

"Cydonia" turns out to be ""nothing less than an architectural affirmation of the fundamental physics of the Universe - the ultimate embodiment of a grand, "universal Architecture"... at the most archetypal level.

The reason behind Hoagland's sweeping statements is the following:

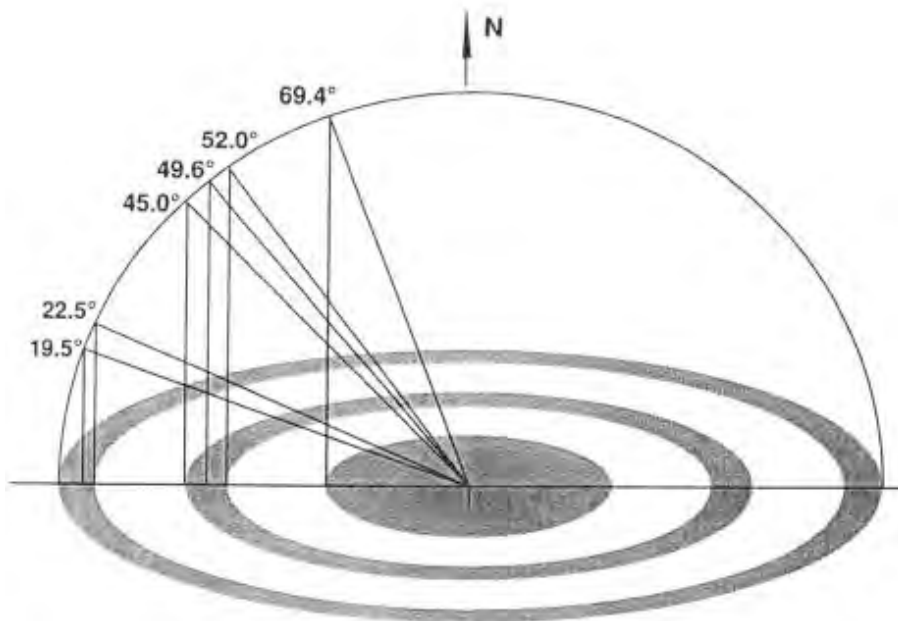
the Cydonia Investigation has now found multiple examples of The Message of Cydonia - identically "coded" elsewhere in the Solar System... including, here on Earth!

What the "Message of Cydonia" reveals, which Hoagland discusses above, is the fundamental, multidimensional nature of - you guessed it - the consciousness unit. We had said that the consciousness unit's fundamental existence is expressed as a sphere that pulsates through the differing Platonic Solids as it "breathes." The next dimension above our own is home to the simplest shape of all, which Plato associated with the element of fire - namely, the tetrahedron. And, it is a statement of fact that Hoagland's team discovered the unmistakable mathematical signatures of a circumscribed tetrahedron - a tetrahedron placed within a sphere. As we will show in later chapters, they found striking evidence of this energetic configuration in many of the bodies in our Solar System.

Then, the plot really thickened when the same mathematical figure was seen as being expressed in an enigmatic formation in a modern-day crop of wheat. Hoagland's team took the Barbury Castle crop formation discussed in the last chapter and discovered literally identical mathematics as those of the circumscribed tetrahedron. For example, the three rings in the center gave all the proper angle measurements to indicate that they represent a sphere. This was done by comparing the angle of each ring against the vertical circular line

that would define the sphere [see diagram.]

When coupled with the plainly visible tetrahedron, it becomes immediately apparent that we are seeing a precise mathematical depiction of one of our "consciousness units." [Note: The lines that gave Hoagland the 19.5 and 49.6-degree values in the picture were from where the tetrahedron shape itself crossed through the rings.]



So what we see is an outside force drawing us a geometrically precise map of an energy field that covers everything from protons to planets. At this point, the truth behind this law of the Universe is becoming more and more crystal clear. There are many different sources coming together, and they are all trying to give us the same information. In Hoagland's book *The Monuments of Mars*, great detail is given to the precise analysis of these geometric relationships in the city, and it is strongly recommended for anyone pursuing further studies on this issue. In the next chapter we will explore another researcher's completely different and remarkable mapping of these energies on the physical sphere.

CHAPTER 09: THE CATHIE GRID

This chapter explores the work of Bruce Cathie, which illustrates how the observed flight paths of UFOs reveal that they are following a "Grid" over the earth, shaped in the form of a cube and octahedron- two of the seven fundamental geometric phases of the CU, representing the third and fifth dimension.

We go into great depth to explore the significant harmonic mathematical discoveries that Cathie has made from the study of this grid, including his most stellar achievement of all: Cathie solves the Unified Field paradox of modern physics, revealing that all of the Creation is simply a function of Light.

We also take excerpts from the Ra Material to help develop these ideas concerning the expanding and contracting CU in their "cosmic context."

CHAPTER 09: THE CATHIE GRID

The modern scientific history of the Global Grid starts with the work of a researcher named Bruce Cathie. Though he is not commonly known in UFOlogical circles, his work is of paramount importance. Cathie writes about very complicated mathematical ideas as though they were as simple as grade-school arithmetic, then humbly insisting that he "isn't a scientist or mathematician." In the midst of this complexity, his work is utterly brilliant, but it leaves all but the most fastidious readers in the dust. So, in this chapter we will look at how this man and his theories fit in to our overall discussion, which is the Great Cycle and how it relates to the dimensions and consciousness units as we know them.

Cathie grew up in New Zealand, which is situated "Down Under," near Australia. He was working in the military when he had the first of a series of UFO sightings. For obvious reasons, he became very highly interested in the fact that he was seeing these craft in clear sight, and wanted to know more about them. Being on a large ship at sea, he was able to quite clearly see for a long distance around him, and it was over time that he began to notice that there was a seeming regularity to the flight path of the UFOs.

This regularity fascinated him, so Cathie decided to pursue as much knowledge of it as he could uncover. He carefully investigated different people's sightings and tried to figure out which way the UFOs had been going. Over time, he realized that there was, indeed, a pattern present; it appeared that the UFOs were following certain specific straight-line paths that were always the same.

The pursuit of this data later led him to the work of French researcher Aime Michel, who had been studying UFOs for many years and had determined some of the standard flight paths that they would follow in various parts of Europe. UFO sightings would occur time and time again along these "tracklines," and Michel determined that the average distance between these lines was 54.46 kilometers. When converting this over to nautical miles, Cathie discovered to his own surprise that the tracklines were exactly 30 nautical miles apart. Again, 30 is a fundamental "harmonic" or frequency number.

If this doesn't seem important, or appears nothing more than a coincidence, it

is important to remember that a "nautical mile" is exactly one minute of arc on the Earth's surface. Sixty minutes of arc, or sixty nautical miles, would then equal one degree of arc, and as everyone knows there are a total of 360 degrees in any circular or spherical body. Since the Earth itself once may have had a 360-day year, and Hoagland's team demonstrated this same degree measurement system used on Mars, it is safe to at least assume the ubiquity of the use of 360 degrees for a circle. We know that 360 is one of the most fundamental "frequency numbers" in the Universe, and its derivation may have been a direct result of the observations that could be made surrounding its natural existence on the Global Energy Grid.

Again, this is speculation, however let's look at a few facts. First of all, in future chapters we will take a look at Carl Munck's work, known as "archeocryptology." This work unquestionably demonstrates that the Ancients were using a 360-degree system when building their monuments on Earth. Hoagland's team discovered that the distance between the "Face" and the "D&M Pyramid" amounts to precisely 1/360th of the pole-to-pole diameter of Mars. This discovery led to many other stunning breakthroughs that would only come about in a 360-degree based system. In Part Three of this book, we will point out the fact that the Earth year seems to be a key timekeeper in the Solar System, locking in and describing many other cycles.

In the case of Cathie's discoveries, we find that the lines of magnetic force that made up the Global Grid are always 30 arc-minutes apart. Based on this, we might wonder if it is not simply a system of maps that the UFOs are using to travel, but rather a visible system of energy lines. If this is true, the adaptation of 360 degrees to a planetary sphere may simply be an observation of the organization of its lines of force. This might also help to better explain why we have seen this number in so many other places as well. So, from Cathie's discoveries, we know that every half-degree of arc on the Earth's surface was a potential UFO trackline, for a total of 720 latitude lines and 720 longitude lines. Says Cathie:

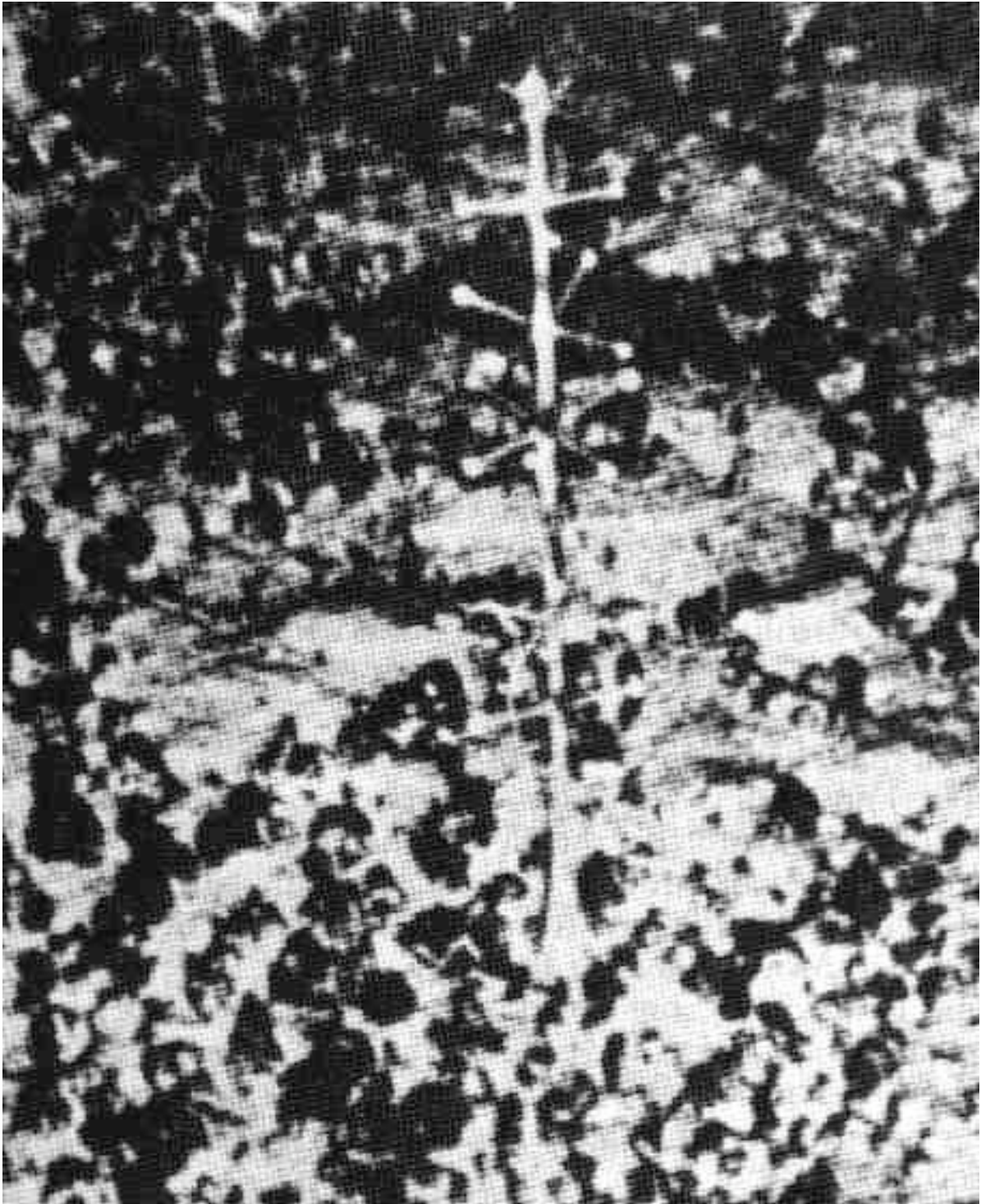
I found that by using units of 30 minutes of arc latitude north-south, and 30 minutes of arc longitude east-west, on my Mercator's map, a grid pattern was formed into which a great number of UFO reports could be fitted. I eventually had a map with sixteen stationary and seventeen moving UFOs plotted on grid intersections and tracklines.

Having satisfied myself that my reasoning and plotting were not false, I considered that I had good proof that New Zealand, possibly other countries, and probably the whole world, were being systematically covered by some type of grid system.

Thus, when one looks into the history and origin of Cathie's work, that person invariably sees a map of New Zealand with a series of straight lines on it. That might prove as a stumbling block to Americans, simply because it has not been done over a map of New York State, for example. However, it is a suitable and definite system that Cathie was observing, made more interesting by its identical connection to the work of Aime Michel, the French UFO researcher who also discovered "tracklines" in Europe.

The next major item of interest in Cathie's work was an object that was photographed clear at the bottom of the sea, at a depth of 2,500 fathoms, or

13,500 feet, by the naval survey ship Eltanin. The object was located in an area 1,000 miles west of Cape Horn. What this ship photographed is what appears to be a large metal staff coming straight up out of the sea bed, with an ascending spiral of small bars coming off of it at right angles to the original. The image could be thought of as a series of crosses spiraling upwards. [See the image on next page.]



The entire shape has a very obvious artificial, geometric design; the distance between each set of bars is the same, and the width of each set is the same. The seven bars strongly suggest a relation to Octave-based harmonics, with the smaller bars at the top completing the idea. Furthermore, the end of each

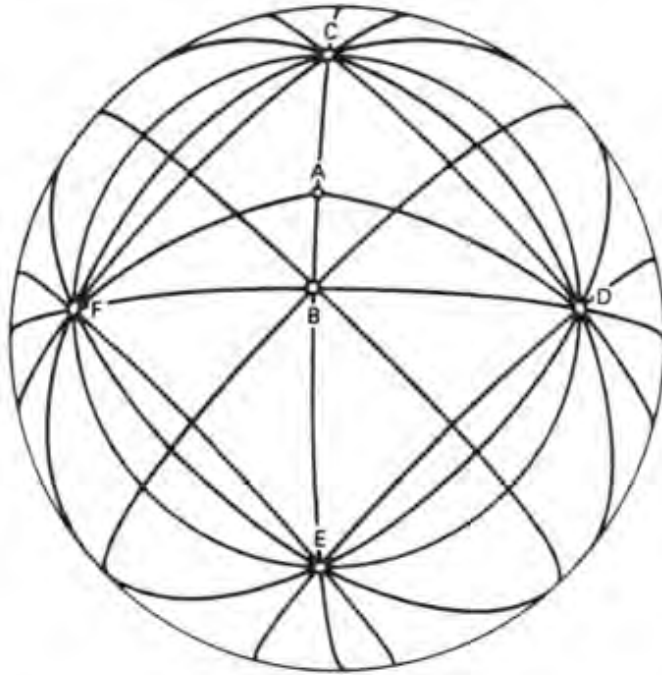
bar ends in a small sphere, as though it was intentionally polished into that shape. The officers of the Eltanin tried to insinuate that it was nothing more than a marine organism, but when Cathie pressed one of them on the topic, he admitted that it looked like a genuine artifact. Obviously, no one desired this knowledge to get out to the public, as it crossed into the lunatic fringe with such things as UFOs and pyramids. But Cathie was determined not to let this one slip by; instead, he saw it as an object of great importance. It would later become a crucial piece of evidence in discovering the map of the Global Grid.

Obviously, in Cathie's time there was no submarine that could possibly have gone clearly to the bottom of the entire ocean, below the point where the continental shelf drops off. This object was obviously fashioned by some sort of intelligence, and Cathie himself had seen and heard reports of UFOs that would fly directly into the water. He also had a sighting of a UFO that fired a glowing, rodlike "object" into the ocean. This object did not glide forward on its descending path in an arc as you would expect, but rather followed a precise straight-line path, apparently violating the natural laws of acceleration that should affect a body in free-fall when it has an initial velocity at the time that it was released. This led Cathie to believe that the UFO had precisely aimed the object to land on the sea floor at a distinct point, and that the object could very well be the same as the one that he had seen a photograph of. Thus, he concluded that the photograph from the Eltanin showed an object with all the hallmarks of intelligent design of one form or another, and most likely not of humankind.

The next thing that caught Cathie's attention was that the object itself appeared to be fashioned like an antenna, as though energy of some sort was going through it. This was further supported by the idea that the direction of each bar could correspond to a direction of energy; each bar seemed to be approximately 20 degrees offset from the one beneath it. So, Cathie thought all of this through, and realized that there had to be some kind of a connection to the UFOs he was seeing that seemed to effortlessly travel under the sea as well as in the air. But what could it be?

The answer came when he realized that this object could well be an antenna or a focuser for the same global energy formation that he was now beginning to chart out through the flight paths of UFOs. He was able to obtain the coordinates that the Eltanin was on when it made the photograph, and thus was able to deduce the exact position of the object, which he then started referring to as an "aerial."

Cathie's work only gets more and more intriguing as it progresses. From this aerial along with his other coordinates that he developed, he was able to figure out a simple, planet-wide form for the shape that the energy lines the UFOs were traveling on. In a true Eureka-style frenzy of insight, he grabbed his child's toy ball and graphed out the formation with a felt tip pen; a picture of the ball is given on the back of his first book entitled Harmonic 33. The ball illustrates a series of circles that surround the planet, and those circles intersect at certain distinct points.



Perhaps at this point it should not surprise us that these points perfectly illustrate a cube and octahedron within a sphere, where its points are defined by the intersections of a series of perfect circles. Point A represents the true magnetic north pole, whereas point B represents the more ideal "grid pole." Once again, we are seeing two of the geometries in our "consciousness unit" forms emerging on the Earth, entirely through the graphing of the flight paths of UFOs and an apparently artificial object located on the sea floor. Since this time, Cathie has produced several books, and the degree of precision that his grid has to such things as the siting of nuclear power plants, UFO sightings, ancient sites and other paranormal phenomena is highly significant. This is covered in much better detail in Cathie's books, such as *The Energy Grid*.

In the early stages of his work, Cathie believed that this Grid energy was essentially being created and upheld by the "aerials" themselves. (He would later rescind this point.) He believed at the time that the entire Global Grid was built by the extraterrestrials, and that it was somehow responsible for balancing the energy on Planet Earth. He theorized that the extraterrestrials were frantically going around and repairing their grid whenever they could get the chance, desperately trying to balance our electromagnetic and magnetic disturbances from things like underground nuclear testing. Cathie believed the energy we created in these cases could tear the Earth to pieces if we were not given outside assistance. Thus, Cathie believed, it was a very valiant service that the visitors were providing. And, even though we can see that they did not "build" the Grid per se, these "aerials" certainly could represent their technological efforts to balance it.

Over time, as we just briefly went over, Cathie began to make some serious connections between this grid and the energy that it produces. Without question, his single greatest contribution to the future technology of human civilization is his "cracking" of the code behind the Unified Field Theory of Physics. This theory, as we have stated in the past, would unite gravity and electromagnetism among other things, giving us the opportunity to create gravity with electricity, producing propulsion systems similar to those found in

UFOs.

Einstein's own equation of relativity gets very close to this Unified Field in and of itself. Almost everyone knows that the equation reads as follows: Energy equals Mass times The Speed of Light (C) squared, or $E=MC^2$. What Einstein hoped to do was to solve this equation for the Speed of Light alone. He believed that the value for mass could eventually be substituted as a measurement of light. If this was done, then all of Creation could be expressed as being made up of Pure Light -- mass and energy entirely a function of Light. This is the true "unified field" that Einstein was searching for.

As amazing as it must sound, Cathie solved this problem. In the Grid, he discovered an expression of Mass that was phrased in terms of the Speed of Light. (At the end of this chapter, we will print his solution. Further information can be found in his publications.) However, even though Cathie "cracked the code" of the Unified Field Theory, what is actually more interesting and important to us is the discoveries that he made along the way. As Cathie approached the solution to the puzzle, he unearthed many fundamental discoveries that forever change our understanding of "sympathetic vibrational physics," and the precise numbers involved in studying these universal vibrations that determine the behavior of "zero-point energy" or aether.

The Speed of Light as we now know it is measured in seconds. One of Cathie's initial discoveries involved coming up with a different way to measure time, in order to equate it more precisely with the harmonics of the Earth's Grid itself. Right now, our system of seconds works quite well for us, counting in a 60-based system. We have a day of 24 hours. Cathie discovered that the harmonics of the math for the Grid become much simpler if we have a day of 27 "grid hours" instead of our usual 24. This is simply done by factoring in an 8 to 9 ratio- in other words, for every eight hours in our current system, there are nine hours in the "harmonic" system. Since this is a very simple adjustment, it certainly is possible that this is a natural aspect of the Universe- in other words, both the 8-based system and the 9-based system will show different types of harmonics. Eight is the basis of the Octave, and nine is the basis of the Diatonic musical scale.

So, to arrive at this new time value, all you would do is increase the number of hours in the day. You would leave the same values of 60 minutes per hour, and 60 seconds per minute. Obviously, this would change the values for hours and minutes, making them shorter, since you now have to squeeze 27 hours into our regular day of 24. So, if we solve for the number of "grid seconds" in one "grid day," we come up with 97,200 grid seconds total. (27h x 60m x 60s.)

If any reader decides to start dividing 97,200 by fundamental "harmonic numbers" such as 9, interesting things will happen. 97,200 divided by 9 equals 10800, a harmonic of 1080, which is the fundamental Gematrian number for the Moon. (666 is the number for the Sun, 1080 for the Moon and 1746 the "fusion number" between the two. 666 is the number you get if you count 1-36 and add all those numbers together, and 36 is also a key harmonic number in the Diatonic musical scale as we have shown.) 1080, the Moon number, is also precisely half of the Moon's diameter in regular English miles, and that is an important point. The 2160-mile diameter of the Moon is quantitatively identical to the 2,160-year age of the Zodiac. In future chapters we will discuss the fact

that 12 of these zodiacal "ages" add up to 25,920, the same number as our Great Solar Cycle and the long-term wobbling cycle of the Earth known as precession. So this is our first "hint" that the ancient measurement of the inch, foot and mile may be directly connected to this universal harmonic system. In chapter 17, Carl Munck will make this point much more visible for us.

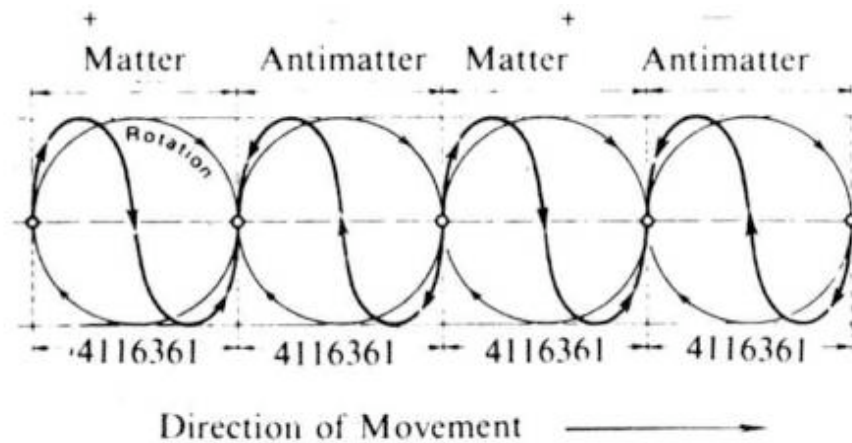
If we divide 97,200 by 9 again, we get 1200, another fundamental number as the harmonic of 12. Anyone who wishes to "play" with this and knows a little about harmonic numbers will quickly be satisfied. You can try a series of divisions by 6, by 5 and by 3 to see the interesting results -- repeating numbers and other "harmonic" values. We can definitely see why Cathie favored the 9-based number 97,200 as the harmonic ideal for the number of "grid seconds" in one Earth day - an absolute number for how much distance in harmonic time that the Earth has traveled. Although this does not correspond with our current measurement of time rooted in the number 8, it appears to be the best way to rectify the Earth's orbit with the harmonic system. We will show as we go along that 97,200 "grid seconds" is a very important number for charting the pulsating frequencies of a CU.

Furthermore, the harmonics of Cathie's number for the Earth grid in seconds, our 97,200, also reduces down to 972. This is another multiple of 36, again showing us its harmonic nature as a musical frequency, fundamentally connected to the Diatonic scale. 972 divided by 36 is 27, the number of hours in a Grid day.

So, we can clearly see that planetary harmonies emerging, expressed in elegant harmonic numbers for their orbits. Richard Hoagland revealed at a MUFON conference in 1997 that the orbit of Mars had been exactly 666 Martian days long in the past, due to the changing gravitational interactions of the planet with its two moons, so this is yet another way for us to see this in effect.

Cathie then ties these "grid seconds" together with the speed of light, and recalculates this value based on harmonic mathematics. When we think of our current value for the speed of light, this value is based on the mathematics and time that we now use. When we change those seconds into harmonic or grid seconds, introducing the transcendental properties of the ratio of 9, (which again is the building block of the Diatonic series as well as the master frequency number of the Maya,) the value of the speed of light will also change. What we never could have expected is the amazing, fundamental harmonic number that the speed of light changes into!

In order to "set up" our final point that will tie into the Solar Cycle in later chapters and our study of the consciousness units, we need to explore Cathie's discussion of light waveforms and how they would work in the atom. Cathie informs us of the fact that the true atom would not look like a Solar System as we think of it, but rather as a spherical mass. Light travels in a circular, three-dimensional wave, a wave that spirals to a certain height and a certain depth. You could graph this in two dimensions as a regular "sine wave," with a horizontal line for its midsection.



If you picture this light wave moving forward at a set speed, you can visualize how a sphere would be formed. The light spiral would begin at the midpoint of the wave, which would be the North Pole of the sphere. The wave spirals out to maximum height and "lowers" to the median again as it reaches the sphere's equator, forming the first hemisphere. Then, the second hemisphere is formed the same way, as the wave "lowers" to its lowest point and again rises to the median. See the diagram for support in visualizing this. The numbers at the bottom represent the harmonics that Cathie discovered as being associated with this movement.

Naturally, you could measure it as a "particle," namely the sphere, or a "wave," namely the waveform making up the sphere. So, with this conceptual invention, Cathie provided a solution for what is known in Physics as the "wave-particle duality," where light can appear as either a particle or a wave depending on how you observe it. He also indicates how antimatter is formed as a result of the spiraling motions involved.

We remind the reader that this system bears remarkable similarity to our own theory regarding the inner workings of "consciousness units." Cathie displays this as a rather two-dimensional system, essentially moving left to right and right to left in a spiral. Cathie uses a "wave" for the diagram, and we now know from studies such as those of Dr. Michio Kaku that the "waves" are actually superstrings, which we assert to be lines of energetic force in a unified "sea" of aether energy. We also have reason to believe, from various psychic and physical sources that we have listed, that these "waves" must originate from a center point or Oneness and move outwards as the energy expands, then collapse back inwards yet again as it contracts.

So, with only a very slight tweaking, we can see how Cathie has discovered "consciousness units" in his own right, as atoms. All we have to do is see them as being formed of superstrings that travel in spirals, expanding outward in a spherical form from a central point or nucleus. Cathie's atom is formed almost exactly the same as he thought it was; only the vector or direction of the spirals needs to be changed. Since we know the Earth to be a gigantic consciousness unit as well, providing a spherical "field" to hold these energies, this explains why Cathie's grid shows us two of the Platonic Solids - the octahedron and cube. We have already said that the tips or corners of each of the Platonic Solids represent the points where the spirals all converge, giving them greater gravitational / energetic strength. This interplay of forces at the "nodes" shows up as straight-lined magnetic fields within the expanding sphere, all harmonically spaced. This harmonic spacing is the fundamental

definition of all the Platonic Solids we have been discussing.

THE HARMONIC SPEED OF LIGHT

We have now determined that Cathie set up a basis for measuring time using a system of "grid seconds," where the normal 86,400 seconds in a day based on a harmonic of 8 are expanded into 97,200 seconds, based on a harmonic of 9. In so doing, one day of Earth's rotation was split up into 27, or 9×3 "grid hours." The number of "grid seconds" per day comes out to be the extremely harmonic number of 97,200. This is how Cathie achieved the first step towards putting the Speed of Light in grid terms; getting a time measurement based on grid seconds.

The Speed of Light as we now express it is measured in miles per second. We have already seen how Cathie converted the value of a second into its harmonic ideal, the Grid Second. We now also need to convert our regular system of miles into a grid-based measuring system. As we remember from the discussion of the work of Aime Michel and the UFO tracklines that were symmetrically spaced apart from each other, Cathie used the system of "nautical miles" to determine where the "grid lines" were placed. We also know that one nautical mile is equal to one minute of arc on the Earth's surface, and that there is a "grid line" every 30 minutes. So, what we need to do is change the miles in the speed of light equation into nautical miles, or minutes of arc, as the two are interchangeable. Therefore, the "grid speed" of Light would be expressed as (x) minutes of arc per grid second.

The incontrovertible truth of Cathie's findings is that the "Grid Speed of Light" is EXACTLY 144,000 minutes of arc per grid second in free space. As we are about to see, this becomes one of the most important points in the book, as it shows us that there is a direct connection between light frequencies and sound frequencies - the mathematics of the numbers are literally identical. Twice the value of 144 is 288, which is the first value in the Diatonic scale that we have been investigating.

As we look into this even further, we can see that the fundamental, harmonic value of 144,000 for the speed of light is precisely the same as the fundamental harmonic values for many different things, including:

- the Mayan Calendar's baktun, at 144,000 Earth days;
- the Bible number of the 144,000 souls who will Ascend;
- the fundamental "building block" of all sound vibration frequencies, 144;
- the fundamental Gematrian "frequency number" for light, 144;
- And, of course, the harmonic of 12 times 12.

So, the Gematrian meaning for the number 144 is 'light.' Obviously, we must question if these archaic designers of this Biblical numerological system were aware of the same information as Cathie; we now see that they were right: 144 really is light!

As another interesting harmonic point, physicist John Nordberg reveals that

current physics still uses a time unit based on a traditional second, and this unit is a direct statement of how fast the second hand moves through a 360-degree circle on a clock face as opposed to how fast the Sun moves in one 360-degree circle through the sky. There are 86,400 seconds in the Sun's 360-degree arc, representing one day of time. So, to get the amount of relative movement between one second in the 360-degree clock face and one second in the Sun's apparent 360-degree movement, we divide 86,400 by the number of seconds in one 360-degree circle, or one minute, which is 60 seconds. The ratio that we are left with is 1440, which represents our current perception of time: in other words, one second of our time is 1440 times faster in its movement through its arc than the movement of the Sun through the arc it traces in our sky. When we combine this with Cathie's true harmonic value of 144,000 arc-minutes for the Speed of Light in one "grid second," we can see that there are quite interesting harmonic parallels there.

More importantly, the speed of light is harmonically the same as the speed of the baktun measuring units in the Great Cycle, as we will see in later chapters. It also is a function of the harmonics making up the consciousness units [CUs.] So, there is a fundamental relationship between Light itself, Sound, and the Solar Cycle. (The Solar Cycle is a pulsation of Light, expressed through planets and star rotations. This Light pulsation works in octaves, giving us the dimensions.) Cathie had just told us above that light forms spheres as it travels, and a CU is a spherical energy that pulsates.

We have also suggested that the sphere of a planet can provide a large-scale harmonic for the pulsation of the CU, and now Cathie has resolved our basic "planetary measurement values" such as the mile into fundamental Grid harmonic terms that help us calculate the true harmonic passage of time. One of Cathie's most impressive "harmonic" renderings of the Earth as a CU is the distance from the center of the earth to the average height of the atmosphere. This value is given as 4320 arc-minutes, which reduces down to 432, the number of "Consecration" and the fundamental vibration for the sixth node in the octave. So, it would appear that the arc-minutes are indeed vital in demonstrating the Earth's harmonic proportions. Now that we have solved for the speed of Light in harmonic time and arc-minutes, we can see why; it comes out to an exact harmonic of 144.

So essentially, by using this system of Grid mathematics, Cathie has determined how a consciousness unit is mapped out at the most minute, fundamental levels - using 360-degree-based "grid seconds" and minutes of arc. Not only do we see the mapping of a CU, we also see its fundamental relationship to Light, and the harmonics of Light. Since the harmonic principles of the CU are literally identical between the Earth and the atoms, we will also see that the cycles of the Solar System are also a harmonic function.

The planets move through space not in two-dimensional circles as we usually see them, but in spirals, since the Galaxy is also rotating and moving the Solar System forward as a unit. If you looked at a planetary orbit in non-moving, empty space, it would travel in a spiral. So, the planets spiral in a harmonically identical fashion as the superstrings within a consciousness unit, only much slower. The planets originated from the center, the Sun, as super-hot gas and dust, and are now spiraling outward from the Sun at a slow, predictable and harmonic rate of speed as planets. Similarly, the CU starts at its center and spirals outward in superstrings. So, the Solar System is indeed

a giant, harmonic consciousness unit.

Let's take a quote from Ra here to illustrate the point. We will start with an excerpt from Ra that clearly illustrates the connection between their definition of the Solar Cycle that we will be discussing in future chapters and their definition of a consciousness unit. Here is that quote to get us started:

Q: The way that I understand the process of evolution is that our planetary population has a certain amount of time to progress. This is generally divided into three 25,000-year cycles. At the end of 75,000 years the planet progresses itself. What caused this situation to come about with the preciseness of the years in each cycle?

RA: I am Ra. Visualize, if you will, the particular energy which, outward flowing and inward coagulating, formed the tiny realm of the creation governed by your Council of Saturn. Continue seeing the rhythm of this process. The living flow creates a rhythm which is as inevitable as one of your timepieces. Each of your planetary entities began the first cycle when the energy nexus was able in that environment to support such mind/body experiences. Thus, each of your planetary entities is on a different cyclical schedule as you might call it. The timing of these cycles is a measurement equal to a portion of intelligent energy.

This intelligent energy offers a type of clock. The cycles move as precisely as a clock strikes your hour. Thus, the gateway from intelligent energy to intelligent infinity opens regardless of circumstance on the striking of the hour.

This quote will be drawn upon much more in future chapters. What we can see here is that they refer to the "outward flowing and inward coagulating" nature of intelligent energy that is on a particular cycle. This cycle can be measured very precisely, and it determines when a "frequency shift" will occur on any planetary body. Now, since we are knee-deep in a discussion of consciousness units, it is more appropriate for us to bring out the rest of Ra's quotes. The next quote, from pg. 6 of Law of One Book II, continues the concept we have just seen above.

Intelligent infinity has a rhythm or flow as of a giant heart beginning with the central sun as you would think or conceive of this, the presence of the flow inevitable as a tide of beingness without polarity, without finity; the vast and silent all beating outward, outward, focusing outward and inward until the focuses are complete. The intelligence or consciousness of foci have reached a state where their, shall we say, spiritual nature or mass calls them inward, inward, inward until all is coalesced. This is the rhythm of reality as you spoke.

This quote does sound quite familiar to the one from Walter Russell, which we reprinted at the beginning of this book:

In My universe there is but one form from which all forms appear. That one form is the pulsing cube-sphere, two halves of the heartbeat of My dual thinking. All forms pulse, therefore, all forms are two, one form for the inbreathing pulse, which generates, and one for the outbreathing, radiating one. The cube is the sphere expanded by the outward breath to black rest in cold space, and the sphere is the cube compressed to the incandescence of

white-hot suns by the inward breath.

Then, on page 10, Elkins asks Ra a question based on their previous statements and his own understanding of the physics of Dewey Larson. (We are told in the introduction to Law of One: Book II that "For those who may wish to study Larsonian physics, The Structure of the Physical Universe is a good book with which to begin.") Dr. Elkins' question does indeed set out the fundamental basis for "consciousness units" as we have discussed them so far. What is important for us right now is that Ra affirmed the correctness of this statement, for our own galaxy.

Q: ...I think that possibly we are at the most important part of what we are doing in trying to make it apparent how everything is One, how it comes from one intelligent infinity. This is difficult, so please bear with my errors in questioning.

The concept that I have right now of the process, using both what you have told me and some of Dewey Larson's material having to do with the physics of the process, is that intelligent infinity expands outward from all locations everywhere. It expands outward uniformly like the surface of a bubble or a balloon expanding outward from every point everywhere. It expands outward at what is called unit velocity or the velocity of light. This is Larson's idea of the progression of what he calls space / time. Is this correct?

(It is very important to remember that Ra refers to this expanding movement of Light as "upward spiraling Light;" in other words, it travels in a spiraling motion within a spherical field, thus forming the spherical geometries of the CUs as we have said.)

RA: I am Ra. This concept is incorrect as is any concept of the one intelligent infinity. This concept is correct in the context of one particular Logos, (galaxy,) or Love, or focus of this Creator which has chosen Its, shall we say, natural laws and ways of expressing them mathematically and otherwise."

So what we can see from Ra in this quote is that these "sacred mathematics" are all a function of the laws that are present within our own galaxy. That raises up the unique question of how and why they might be different in another galaxy! We won't tackle those questions in this book, as they are not central to the discussion. Elkins' question on page 12 gives us the answer that we were looking for, showing us that the Solar System is a crystallized consciousness unit.

Q: When does the individualization or the individualized portion of consciousness come into play? At what point does individualized consciousness take over working on the basic light?"

What Elkins is really asking is how we, as human entities, end up working with these expansive energies in our own consciousness. We need to note that Ra's answer to this question starts out by telling Elkins that there is no "point" of time when this actually starts, since all time is ultimately simultaneous. We have edited out that brief section, since there are terms in it that haven't been defined in this book, and we then move forward to the pertinent part of the answer.

RA: I am Ra... The experience or existence of space / time comes into being after the individuation process of Logos or Love has been completed and the physical universe, as you would call it, has coalesced or begun to draw inward while moving outward to the extent that that which you call your sun bodies have in their turn created timeless chaos coalescing into what you call planets, these vortices of intelligent energy spending a large amount of what you would call first density in a timeless state, the space/time realization being one of the learn/teachings of this density of being-ness.

Thus we have difficulty answering your questions with regard to time and space and their relationship to the, what you would call, original creation which is not a part of space/time as you can understand it.

So, if we look closely at Ra's above quote, it would appear that our existence as a Solar System of planets is carefully perched on the platform of physical manifestation. In order for space/time to exist, the coalescing, compression force has to "begin to draw inward," and this is what we call gravity. Remember that Einstein showed us that space/time assembles itself into a fabric, and that gravity is a function of the curvature of the fabric. Ra resolves this "gravity paradox" with the notion of the CU on pg. 19 and 20 of these same sessions, by telling us that gravity "may be seen as the pressing towards the inner light / love, the seeking towards the spiral line of light which progresses towards the Creator. This is a manifestation of a spiritual event or condition of living-ness." In other words, gravity is simply the reverse motion of the expansion of the CU. Gravity is the compression of the CU showing itself in the physical. Also be aware that this excerpt refers to the spiraling nature of these lines, or superstrings of light.

Ra indicated that their answer to Elkins' question was designed to incorporate the metaphysical principles behind gravity as well as the physical. Gravity, as a metaphysical concept, is the motion towards the center, or Unity. A bit later in the book, we get the following interesting exchange between Ra and Elkins about gravity, which explains this even better.

RA: I am Ra...When all of creation in its infinity has reached a spiritual gravitational mass of sufficient nature, the entire creation infinitely coalesces; the light seeking and finding its source and thusly ending the creation and beginning a new creation much as you consider the black hole, as you call it, with its conditions of infinitely great mass at the zero point from which no light may be seen as it has been absorbed.

Q: Then the black hole would be a point at which the environmental material has succeeded in uniting with unity or with the Creator? Is this correct?

RA: I am Ra. The black hole which manifests third density is the physical complex manifestation of this spiritual or metaphysical state. This is correct.

So, what we can see here is the metaphysics of gravity. Each geometric layer of the CU above our own is a higher level of spiritual density, and that means that it is moving closer and closer to the One. Remember that by the time the consciousness units have reached the point of the sphere, or the Octave, they have compressed back down into a single "point." With this quote from Ra, we can indeed see that this is true, and that the black hole is the best physical example that we can see of this process at work. So, as we Ascend, even as

we expand in frequency, we are in a sense compressing the CUs in our bodies into a form that is closer to God. (We are informed by these forces that this is not at all a painful process... we might not even know that it has happened at first.)

Since Ra tells us that gravity is a function of the spiraling expansion and contraction of a CU, we can see why these shapes have an effect on Earth's gravity, forming the grids such as the ones that Cathie's UFOs were flying upon. As we go forward in this book, we will see many more examples of the geometry of the CU showing up as physical gravitational stresses on the Earth. This point will be most clearly expressed in the chapter on the Becker / Hagens grid.

When we look at all of the material we have just quoted from Ra together, we can see that consciousness units change their frequencies, or dimensional levels, at predictable, cyclical rates. As we move into Part Three, we will tie this all together so that we can see that our own Solar System is a consciousness unit on a specific cycle that is about to rise in frequency.

And so, to summarize, we started this chapter by looking at the work of Bruce Cathie, and most recently at his discovery that light waves create spheres as they travel. According to Cathie, what we perceive as our three-dimensional universe is a phase of matter and anti-matter, with no gaps in between. (Obviously there are gaps, representing the other dimensions; but it appears to us in 3D that there are not.)

We now remind ourselves that Cathie made an incredible discovery. The harmonic speed of light, phrased in minutes of arc per grid second, is a function of 144 - the Gematrian number for light. Cathie tells us that since our Creation is made up of a matter / antimatter cycle, we need to double this harmonic - each pulsation actually must spend half of its time traveling in the antimatter plane. (See the earlier diagram of the spherical light wave to help visualize this.) According to Ra, this plane would be the reverse of spacetime, known as "timespace," where the basic properties of space and time are reversed -- supposedly space is much more inflexible whereas time is much more flexible, unlike our own spacetime where we can move through space easily but not through time. So, when we double the harmonic of the speed of light we get the harmonic number 288, which as we said is the beginning of the fundamental Diatonic scale of vibrations. Time after time, we are referred to in metaphysical literature as a dimension that is painfully slow. This slowness is measured by our measurement of the fundamental speed of light as being "only" a harmonic of 288, or the first-dimension vibration.

Einstein's paradox of "light speed" is that as you approach it, mass becomes larger and larger, to a point of infinity. But as Cathie has solved the relativity equation for light alone, we can then see that the only threshold we would ever reach would be a function of C, the speed of light itself. Therefore, there really is no mass, only Light. Or, as Ra says, we gain "spiritual mass" which compresses us back to the Light of the One. Obviously, this "spiritual mass" is Light, not physical matter. The point here is that Light speed is NOT an infinite boundary that cannot be crossed, it just requires your FREQUENCY to change. Think of the atom with its eight positions for electrons. Were a ninth electron to be released from the nucleus, it would have no choice but to transition into the next octave of frequency, since the octave structure cannot be

superceded. So, when the speed of Light reaches its "critical mass" in our third dimension, it "jumps" to the next level, or frequency, in the octave.

So, we will postulate here that as this boundary is breached into the next higher dimensional frequency, the speed of light would fundamentally increase into its new notch. We remember that with Cathie's opposing antimatter / matter cycle, the actual light harmonic is 288. We can see this dimensional shifting action of the Speed of Light within the progressions of sound, as we can raise the pitch of a D at 288 cycles per second to an E at 324. Cathie tells us that these light-waves form spheres, and thus if the speed of Light increases, the sphere formed by that light-wave would be at a "faster" frequency - and this would be a faster geometric frequency as well. Thus, one could perceive the different Platonic solids as forming in different dimensions, even though they are only a visual representation of rising frequencies.

As we have already indicated, Cathie was able to completely transform Einstein's theory of relativity with a "grid function" that expressed that mass in terms of the speed of light only. By solving the Relativity theory for "c", Cathie essentially "cracked the code" of the Unified Field theory by removing the mass variable and resolving Einstein's entire equation into light; hence Energy Equals Light. Thus, all seen and unseen material in the Universe is a Unified Field of what is ultimately Pure Light. This is a scientific "discovery" of exactly what Ra and other spiritual sources have told us all throughout time.

Again, these unified field equations suggested ways in which the energy could be utilized for such things as anti-gravity and free energy. Indeed, as a result of this ongoing research, Cathie drew some very serious interest from the highest levels of the Secret Government. After all, he had solved the Problem of All Problems, the answer to Unified Field Physics. With this knowledge properly applied, all ET-related sciences were wide open to explore, including dimensional warping and teleportation. According to his literature, government agents would come and ask him many different questions, wanting to know how he was able to figure all of his information out. He was hounded and followed, phone lines most likely tapped, et cetera.

Many tempting and profitable offers have been made for him to work solely for governmental entities and not release the information to the public, apparently extending right through to the recent past. Yet, Cathie was undeterred, and unlike many other researchers of similar caliber, he was never killed. Instead, they continued to cooperate with him, and as time went on he could tell that they knew a great deal about what he was studying, and were using his research to further their own experiments. It seemed that he was discovering crucial details for a system that was being put into much more practical use than he could have ever imagined. In the next chapter we will discuss how such a system may have been implemented.

Footnote:

Cathie's primary harmonic equation for the Unified Field Theory is as follows:

$$\text{Einstein } E = MC^2$$

$$\text{Cathie } M = C + 1 / \text{sq rt } C$$

Therefore $E = (C + 1 / \text{sq rt } C) C^2$

CHAPTER 10: THE PHILADELPHIA EXPERIMENT AND ASCENSION

In this chapter, we begin to examine the basics behind how this system of hyperdimensional physics could actually produce a spontaneous disappearance of a physical body.

We deeply examine the case history of the Philadelphia Experiment, wherein a Naval ship was allegedly "teleported" back and forth from Norfolk, VA to Penn's Landing, PA.

We suggest that this experiment was an early, crude proof of the fact that if a magnetic field of sufficient strength is configured to produce the higher-level geometries of the CU, you may very well be able to transform the matter phase of everything within that area to a higher dimension.

We also suggest that the Sun is naturally producing this same effect, only on a much larger and more long-term scale.

CHAPTER 10: THE PHILADELPHIA EXPERIMENT AND ASCENSION

The effects of the Philadelphia Experiment can demonstrate the fact that at least partial knowledge of the Global Grid was available to the insiders already. The Philadelphia Experiment, as many of us already know, was a case where the United States apparently dematerialized an entire ship at the port of Norfolk, Virginia, transported it up to Penn's Landing Area near Philadelphia, and then brought it back to Norfolk again, in 1943. The total distance of the trip exceeded 400 miles.

Again, there are many different sources that confirm the reality of this having happened, and it is the lack of study on behalf of most skeptics that would allow them to brush it aside. The most recent reports from Lt. Col. Philip Corso, reprinted on Dr. Steven Greer's CSETI website, indicate that almost everything in the description of the Philadelphia Experiment was true, except that in order to protect the story, a different ship was used than the one normally described to the public. The actual ship was a minesweeper, not a destroyer. Therefore, it makes sense that when aging crewmembers of the Destroyer Escort U.S.S. Eldridge were queried about this, they remembered nothing of the sort. Although the evidence now suggests that the Eldridge was not the ship, we are told that the experiment itself apparently did occur. What we are told is that this ship was made invisible and quickly transported by an extraordinarily powerful, pulsating magnetic field that it generated on board. This magnetic field was the product of several tons of specialized electronic equipment that had been installed within it.

To those who ignore this aspect of the "big picture" of UFOlogy / metaphysics / government cover-ups, we need to remember a few facts surrounding the event. If the ship had simply remained safe and secure in the harbor as the Navy claimed, there is no apparent reason for the families of several crewmembers being told that their loved ones, the sailors from the crew, had died that night. There doesn't seem to be a plausible explanation for why the entire rest of the crew involved received discharges from the Navy for being "medically unfit." Furthermore, the death of Morris Ketchum Jessup, a U Michigan astronomy and mathematics professor investigating the affair,

seems a little too coincidental to be a "suicide." In many ways, his death reads similar to the now-famous Vince Foster case associated with the Clinton Whitewater investigations.

Jessup, born in 1900, had an interesting career. While completing his doctorate at University of Michigan, he discovered and cataloged many binary stars in the night sky. His first decent job, caught during the Depression, was with the U.S. Department of Agriculture to seek out sources of crude rubber in the Amazon. This job in turn led to archeological expeditions into the Mayan ruins in Mesoamerica, where he worked as a photographer. He was fascinated by what he saw, and progressed onward to Peru to study the ruins of the pre-Incan cultures there.

By studying the megalithic size and mathematical exactness of the ruins, Jessup concluded that the only plausible explanation for their construction was some sort of levitation process. He proposed that this must have been done by a non-terrestrial influence, a race of intelligent beings with access to flying craft that could levitate the blocks. By proposing this theory, he was ousted by employers and colleagues, having become an early proponent of the "Ancient Astronauts" theory.

Fueled by his own savings, Jessup stayed in the area, and began studying the enigmatic craters near the Yucatan peninsula of Mexico that are now cited as evidence of the asteroid collision that killed the dinosaurs. Jessup eventually ran out of money and came back to the United States in 1954 to be able to raise funds to continue his research. He soon realized that the flying saucer phenomenon that everyone was talking about was indeed plausible, as he had already uncovered evidence that suggested it. He was most interested in determining their methods of propulsion, since they disobeyed all known laws of physics.

Jessup had already completed his first manuscript by January of 1955, based on this new research; he called it *The Case for the UFO*, and sold it to Bantam Books. It did quite well in bookstores and was printed in paperback by the fall of the same year. After the book was out on the shelves, Jessup received a series of letters from Carlos Allende, alias Carl Allen. The letters were written in several different colors of ink, and many words within the sentences were capitalized for no apparent reason. It was obvious that Allende was not the most literate person in the world, but his story was certainly a fantastic one: he had been present at the Norfolk Docks to witness the disappearance of a ship, erroneously referred to as the U.S.S. Eldridge, during the "Philadelphia Experiment."

Allende commented on some of the information in *Case for the UFO* where Jessup had encouraged the public to put legal pressure on the government, in order to demand research into Einstein's Unified Field Theory. Allende was quite angry about Jessup's desire to do this, because of the harmful effects that this theory had on human beings as a result of its testing in the Philadelphia Experiment. You can imagine that for any planetary society, the early days of teleportation must be quite difficult, costing innocent, brave and pioneering lives. Although Einstein claimed to have never finished his Unified Field Theory, Allende opens up the letter by telling Jessup that Einstein had indeed finished it, and had retracted the work due to the effects that it might have on people. Those effects were later demonstrated by the Philadelphia

Experiment. Says Allende:

[Einstein's] Later computations, done strictly for his own edification & amusement, upon cycles of Human Civilization & Progress compared to the Growth of Mans General over-all Character Was enough to Horrify Him. Thus, we are told today that the Theory was "Incomplete."

Dr. B. Russell asserts privately that It is complete. He also says that Man is Not Ready for it & Shan't be until after W.W. III. Nevertheless, "Results" of my friend Dr. Franklin Reno, were used... The Result was & stands today as Proof that The Unified Field Theory to a certain extent is correct. Beyond that certain extent No Person in his right senses, or having any senses at all, Will evermore dare to go.

Next, we will examine Allende's observations of the field that was generated and what happened within it:

The Field Was effective in an oblate spheroidal shape, extending one hundred yards (More or Less, due to Lunar position and Latitude) out from each beam of the ship. Any Person Within that sphere became vague in form BUT He too observed those Persons aboard that ship as though they too were of the same state, yet were walking upon nothing. Any person without that sphere could see Nothing save the clearly Defined shape of the Ships Hull in the Water. PROVIDING of course, that that person was just close enough to see yet, just barely outside of that field.

If we take Allende's letters as being factual, it would seem from the above paragraph that there was a fundamental difference between what would happen when you saw a physical object in that state as opposed to a living human being. People in the field "became vague in form but... [they could see each other, even though the others looked like they] were walking on nothing." This suggests a fundamental difference between a human entity and an inanimate object when this "dimensional projection" is made. Other reports of those who have traveled out-of-body have reported seeing other entities as being vague in form. Inanimate matter like the ship's hull and deck may simply not be visible in higher realms.

According to Allende, this experiment apparently had a quite devastating effect on the men involved in it. The men got stuck between dimensions, as it were, and some were unable to find their way back to the physical plane. In the worst-case scenario, some of these men actually burst into flames. These poor souls, if rescued, described the in-between feeling as Pure Hell, where they were stuck in a seemingly eternal Slowness and did not know how to escape. According to Allende, there were various levels of this "freeze," illustrated in the following verbatim quote:

A Highly complicated Piece of Equipment Had to be constructed in order to Unfreeze those who became "True Froze" or "Deep Freeze" subjects. Usually a "Deep Freeze" Man goes Mad, Stark Raving, Gibbering, Running MAD, if His "freeze" is for More than a Day in our time.

I speak of TIME for DEEP "Frozen Men" are Not aware of Time as We know it. The are Like Semi-comatoese person, who Live, breathe, Look & feel but still are unaware of So Utterly Many things as to constitute a "Nether World" to

them. A Man in an ordinary common Freeze is aware of Time, sometimes acutely so. Yet They are Never aware of Time precisely as you and I are aware of it. The First "Deep Freeze" As I said took 6 months to Rectify. It also took over 5 Million Dollars worth of Electronic equipment & a Special Ship Berth.

It is worth speculating as to why these psychological effects occurred when the men shifted in their matter phase. We have descriptions of men going "gibbering, running mad," combined with the idea of "semi-comatose [people] who... are unaware of so utterly many things as to constitute [their entrance into some sort of a] "Nether World." When we look at this from the perspective of abnormal psychology, what we seem to have are effects similar to schizophrenia.

One of the things that comes across in Allende's reports is the feeling of a "Slowness." It is very interesting to note here that reports from purported extraterrestrial sources invariably refer to the discomfort of "compressing" and "slowing down" into our own frequency. Thus, it seems that the soldiers were being transported to a higher frequency, and thus were going "too fast" for Earth, their physical bodies still stuck here in the "molasses." So, what was only a minute to us could have been the equivalent of one subjective week of time to them. The prolonged efforts of the soldiers to rub the skin of a "frozen" person may have only taken effect after days or months of their own subjective, relative time.

Furthermore, the energetic results of this magnetic field on the body seem to have altered the consciousness units making them up. One can certainly speculate that the very intense, pulsating magnetic field actually increased the natural frequency of the conscious energies that made up their bodies. Once the "consciousness units" were exposed to those higher frequencies, they became configured to accommodate them, in a similar fashion as the spherical shape of the Earth accommodates them. What probably started out as nothing more than an experiment in magnetic "stealth" cloaking turned into a multidimensional disaster.

Most people who have studied this account are familiar with the regional Philadelphia newspaper article from October 1943 entitled "Strange Circumstances Surround Tavern Brawl." The article reads as follows:

Several city police officers responding to a call to aid members of the Navy Shore Patrol in breaking up a tavern brawl near the U.S. Navy docks here last night got something of a surprise when they arrived on the scene to find the place empty of customers. According to a pair of very nervous waitresses, the Shore Patrol had arrived first and cleared the place out - but not before two of the sailors involved allegedly did a disappearing act. "They just sort of vanished into thin air... right there," reported one of the frightened hostesses, "and I ain't been drinking either!" At that point, according to her account, the Shore Patrol proceeded to hustle everyone out of the place in short order.

A subsequent chat with the local police precinct left no doubts as to the fact that some sort of general brawl had indeed occurred in the vicinity of the dockyards at about eleven o' clock last night, but neither confirmation nor denial of the stranger aspects of the story could be immediately obtained. One reported witness succinctly summed up the affair by dismissing it as nothing

more than "A lot of hooley from them daffy dames down there." Who, he went on to say, were just looking for some free publicity.

Damage to the tavern was estimated to be in the vicinity of six hundred dollars.

Then, we also want to consider an excerpt from another of Allende's letters. Although written in all caps, we have converted it to normal "sentence case:"

How would you like to actually speak to (or some of the men) a man who was once an invisible human being? (May become so in front of your very eyes if he turns off his hip-set.)

From the newspaper article, we can see some possible evidence suggesting a public display of the personal effects of this magnetic / dimensional shift. It is certainly interesting to note the fact that the Shore Patrol apparently cleared everyone out of the bar very soon after it started happening. Then, in Allende's excerpt, there is a suggestion that a "hip set" which ostensibly radiated some sort of stabilizing field was being worn by some of the men to prevent this from happening again. This seems to indicate that certain magnetic frequencies could possibly prevent the men from "disappearing."

But exactly how could these men have disappeared when they were no longer in the field itself? Here is one possible theoretical answer.

We have already discussed how neatly the octave theory of dimensions fits into the idea of the Holographic Universe. One of the properties of a holographic plate is that no matter how small of a piece you cut off of it, the same identical image will show up when laser light is shined on it. The image might be faded, but it still emerges nonetheless. Therefore, part of the holographic theory is that patterns can be stored as information, much in the same respect that DNA stores a blueprint of the body. The new magnetic field, with its massive strength, could have changed the hologram of the consciousness units making up the physical body. They received a modified geometric pattern that was somewhere between an octahedron and a tetrahedron, probably asymmetrical in design.

As Seth explained to us in previous chapters, the consciousness units are formed by emotional energy. Thus, the presence of strong emotions, perhaps similar to the panic that they felt when their bodies first assumed this configuration during the Experiment, could trigger a pattern memory within the units themselves. Returning to their in-between spot might require only a greater input of emotional energy for the units in the body complex to expand into it. Indeed, the Ra Material starts to make sense when it says that early fourth-density souls have not yet learned to camouflage themselves from the third. They might not have enough personal power to constantly maintain the new configuration, and thus occasionally slip back to the former pattern that their Ascended bodies remember.

In David Hatcher Childress's *Anti-Gravity and the World Grid*, our main source for this information, Harry Osoff shows that the path the ship traveled in was precisely the same as one of the lines of energy in the Global Grid. William Becker and Bethe Hagens, whom we will meet later, referred to this line as "Grid Line #18."

Osoff goes on to show how the actual points of arrival and departure fit in beautifully to many of Cathie's natural Earth resonant frequencies, such as the speed of light and the electron spacing in the nucleus. [Interested readers should refer to Childress's book for more precise details.] Thus, the magnetic force literally transformed all the consciousness units that made up the ship into a higher level of vibration. Once having done this, the ship no longer had physical mass, and could then ride the flowing energy of the magnetic field, the same as Cathie's UFOs did. BUT, it was very important that it needed to be done in the right place on the Earth if it was going to work at all.

This natural energy flow could be likened to a current in the ocean, and as we will see, it is at least partially responsible for these currents and many other things including weather. Thus, a natural energetic current carried the now higher-frequency ship across the grid line to the next nexus point in Philadelphia, where a similar machine must have been constructed. Perhaps this materialization was incomplete, and the ship was still on a slightly higher frequency level, although visible to shocked onlookers. It would then have been possible to reverse the magnetic fields between the two machines in the ship berths and draw the ship back across the same grid line, overcoming its natural cyclical flow.

Another interesting point was that a green mist was associated with the dematerialization process. This green mist was also seen surrounding objects in the Bermuda Triangle in the books of Charles Berlitz. The Triangle is another area of mysterious disappearances, and as we are about to see, a major grid point. Interestingly, in his recent book *Notes from the Cosmos*, Gordon Michael Scallion again describes the same green mist as relating to the manifestation of spiritual forces. In a vision that he reported on the Art Bell show, he described a sudden change in the Sun's energy, which he perceived as a green mist that descended on the Earth and rendered all the electronic equipment unusable.

At this point, the careful reader should see the connection that we are making here. Referring back to an earlier chapter, the Seth entity said that the air itself is made up of these consciousness units, which are the energetic forms that make up all matter. We also know that these geometric forms represent sound and color frequencies. We also know that our own dimension would be the yellow frequency and the fourth would be the green. Thus, what we see here in this green color is the change in the vibratory rate of the consciousness units themselves that make up the air. Scallion's sources appear to have hit the nail right on the head.

When we apply this new knowledge to Cathie and the Global Grid, we can see that the Philadelphia Experiment was clearly trying to use this hyperdimensional force of energy. We can see that since magnetism is another form that the consciousness units can take, it can be used to essentially force the natural third-density formations into assuming the fourth-density vibration. All one would need to do is assemble the appropriate geometric energy field. Obviously, there are problems with this, as the harmonics were not pure enough to insure a clean transition into the fourth dimension. There were great human complications, owing to the fact that the men were not actually contained within any one dimension during the experiment, but stuck in a halfway point between two.

It is probably safe to say that this type of technology could be perfected, in order that such distortions would be lessened or eliminated. Even then, there is a serious question as to whether the souls of the people going could actually handle the vibrations, if they were not "ready" for them. According to Ra, you don't go into the higher realms unless you are spiritually capable of handling the intensity -- otherwise it can literally destroy you.

Ra also indicates that with the right energy or focus of consciousness, higher-level entities can use such a technology to "downgrade" their vibrations and become visible to beings that normally could not perceive them. Thus, UFOs mysteriously appear and disappear in the sky, and abductees or contactees are floated through walls or see the beings doing so. Indeed, in one book there is a story of a woman getting a violent cut on her leg from bumping into her automobile, which the visitors had rendered invisible to her. They explained that they could do this by thought alone, but they had machines designed to do the work for them.

The Philadelphia Experiment crudely showed us that the idea of a dimensional shift is not at all outside the realm of possibility. Magnetic fields that vibrated at the proper frequency caused major changes in all physical matter within that space. The Sun, being such a large object, obviously has a magnetic / gravitational / consciousness field much larger than that created locally in the Philadelphia Experiment - after all, the Sun holds all the planets in place. As the sunspots can be shown to cause magnetic disturbance including solar and terrestrial pole reversals, the Great Cycle of the Sun obviously has massive implications for the magnetic fields surrounding the earth.

We are already seeing how these energies manifest through geometry, and how easily their frequencies can be changed. Such frequency modulations can actually render a physical body invisible, by translating it into a higher mode of vibration. This was done not only in the case of the Philadelphia Experiment, but also in such modes as the Ascension of Jesus. There are also numerous cases in Eastern faiths of mystics and yogis spontaneously leaving the physical plane in a flash of light, leaving behind a lump of clothing. In the Cayce readings, the Atlantean priest Ra-Ta is said to have used the natural energy spirals harnessed by the Great Pyramid to ascend in a similar fashion.

DETAILS FROM THE "EXPERIMENT"

The apparent suicide of Jessup came after he had contacted government officials, when he got a copy of his own book mailed to him with many liner notes written inside. Further analysis demonstrated that Allende was the author of the liner notes. These notes revealed an extensive knowledge of the UFO field, containing many facts that were never published. From this information, we can see that even though his writing skills were not the greatest, Allende obviously had high enough clearance to have learned something about the UFO phenomenon from inside sources. What is most interesting is that some of Allende's short comments show that "they" were aware of the Global Grid. The most interesting of these words include:

- "Little Men"

- "Gravity Fields"

- "Measure Markers"
- "Scout Ships"
- "Sheets of Diamonds"
- "Cosmic Rays"
- "Clear Talk"
- "Telepathing"
- "Nodes"
- "Vortices"
- "Magnetic net"

If we look at how a few of these terms fit together, we can infer that Allende was aware of a gravity field on Earth, composed of a magnetic net of nodes and vortices that appeared to look like a sheet of diamonds. Cosmic Rays had an effect on this gravity field, and scout ships would drop in from time to time to repair Cathie's aerals, or measure markers. The way that these little men piloting the scout ships would telepath would be by a process where you hear the words in your mind, known as clear talk.

All of the above data fits very nicely with the information now coming out about the UFO phenomenon in the recent past. The clear indications of the knowledge of the Global Grid are very apparent. So, it would seem that through work like Cathie's, many government officials did know exactly of the Grid's existence and of how to utilize it.

So what we can see here is that the geometric theory of dimensions is starting to make more and more sense. We can see plausible, although unpopular, examples that these energy fields do exist and have real, measurable effects. In the next chapter, we will round out our ideas about the global grid from an entirely different perspective: that of Carl Munck as well as Richard Hoagland, whom we started with in Chapter 13. This will help our geometric theory stand on its own two feet, and solidify once and for all that these energetic forces do really exist throughout the entire solar system.

CHAPTER 11: GLOBAL GRID II: HYPERDIMENSIONAL CRYSTALS BEGIN TAKING SHAPE ON PLANETS

Now, we return to the implications of Hoagland's work with the Cydonia "City" complex on Mars. A tetrahedral, geometric energy force expressing itself through a sphere is shown on many of the planets in the Solar System, including Earth.

Then, we head directly into an in-depth study of the work of Carl Munck, who revealed that almost every single pyramid, earthwork and "sacred site" worldwide uses a simple code to describe its exact position on the Grid.

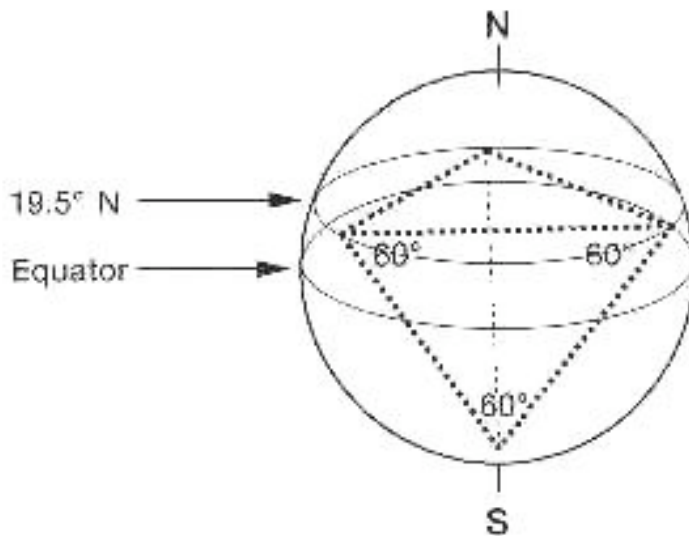
We definitively show how Munck rediscovered this Atlantean planet-wide system of geometric coordinates, similar to our own but with the central longitude line passing through the Great Pyramid of Giza.

David brings in the work of his own readings in order to help answer the paradox of how to integrate together the works of Munck, Cathie, Hoagland and other "Grid" pioneers.

CHAPTER 11: GLOBAL GRID II: HYPERDIMENSIONAL CRYSTALS BEGIN TAKING SHAPE ON PLANETS

In order for the harmonic / geometric theory of the energy "densities" in the universe to stand on its own, we need some form of physical evidence that we can see and measure. Cathie satisfies this point by demonstrating to us that the spherical Grid has a cube and octahedron shape inside of it. As we saw in previous chapters, Richard Hoagland and his team mathematically decoded the Barbury Castle 1991 pictogram. This pictogram, The Mother of All Crop Circles, showed a tetrahedron inside of a sphere.

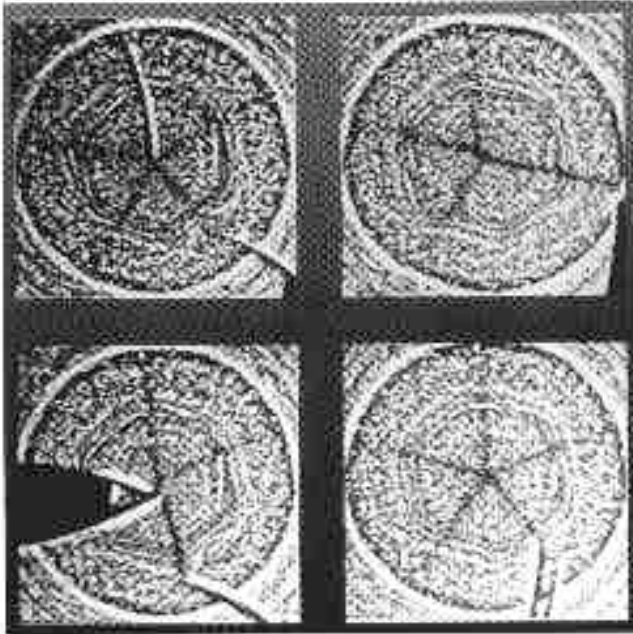
Much in the same way that Cathie would measure a cube and octahedron in the earth, Hoagland's work shows energy upwellings as a tetrahedron. It is humorous at this point to notice that Cathie strictly adheres to his cube/ octahedron model, and Hoagland strictly adheres to his tetrahedron model, but both of these shapes exist together with the rest of the Octave. Since the tetrahedron is the next density above our own, its shape should also be among the strongest in its energetic effects, leading to the most obvious physical observations. Hoagland's team has studied these tetrahedral energies exclusively, measuring the tetrahedron inside the sphere with great precision in order to locate where the greatest stresses should emerge. In short, Hoagland showed us that the bottom points of the tetrahedron emerge at 19.5 degrees above or below the equator of the planet or sphere, depending on where you put the "top" of the figure.



Hoagland then takes tetrahedral measurements, including this 19.5-degree energy point, and demonstrates their presence on nearly every body in the Solar System. On the Sun, for example, the sunspots never drift beyond about 19.5 degrees North or South. More recently, Hoagland showed us where the top of the tetrahedron would be, publishing the results of a satellite survey of the Sun that indicated a perfectly round ring of energy surrounding the north magnetic pole. Going further out, great energy upwellings can be seen in a pair of volcanoes on Venus, also at 19.5 degrees. On Mars, we get Olympus Mons, a shield volcano that is three times the size of Mount Everest, also at 19.5.

On Earth, Hoagland indicates Hawaii, but we will show that there is another placement for the tetrahedron here that is even better. As we move out to gas planets, the energetic effects are seen more in spiraling form, and less as crustal disturbances or volcanoes. Indeed, many people unfamiliar with Hoagland's work will be surprised to discover that the Great Red Spot of Jupiter is also at 19.5 degrees below the equator. This massive spiraling vortex is a storm that seems to perpetually occur, and it is large enough to maintain two Earths within it. This shows us much more clearly what the grid points of the tetrahedron look like when causing a physical effect on gas.

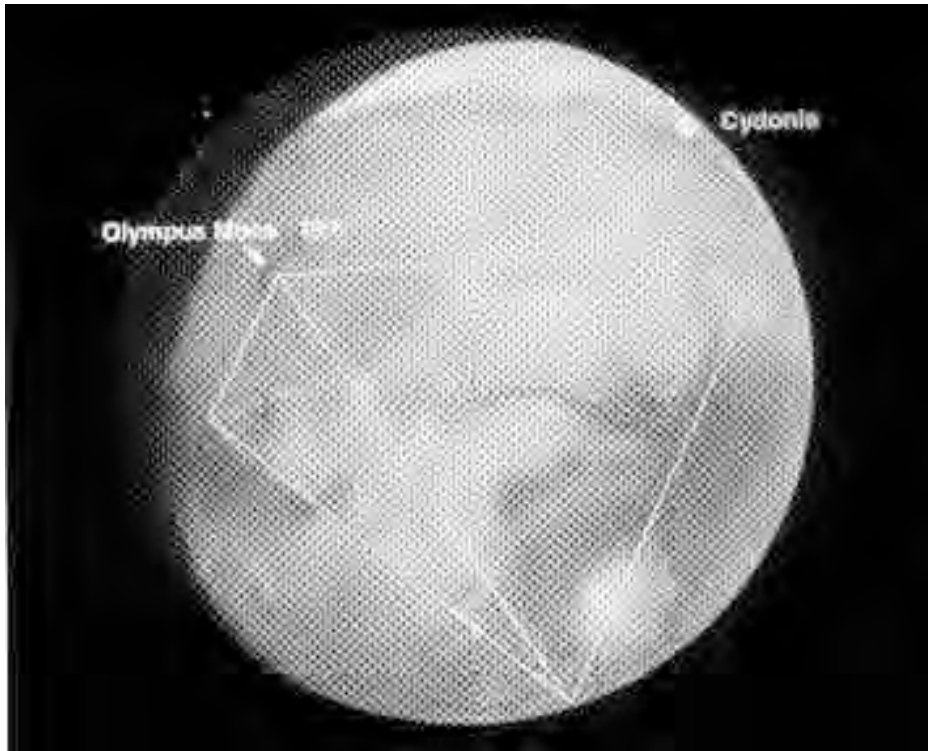
Moving out to the next big gas planet, Saturn, there are dark bands of clouds located at 19.5 degrees North and South of its equator. Obviously, these demonstrate the interlocking tetrahedron, or the fact that you have to include two tetrahedra back to back to fully represent the energy. Also, Saturn has a mysterious circular formation over its North Pole that neatly assembles into a pentagonal star shape within it, with a thin hexagonal cloud also inside of it. This helps to show us in gas form where the crystalline energies are first entering the planet.



(Look especially at the bottom right picture frame to see the five-pointed star. The hexagonal cloud is not made of dark lines like the star - it is visible at a distance halfway between the edge of the circle and the center of the circle, perfectly circumscribed. Hoagland reprinted this in *Monuments of Mars*, and it was originally published in 1988 by D.A. Godfrey from a series of computer-rectified, oblique Voyager images of the polar regions of Saturn. The title of the work it came from is "A Hexagonal Feature around Saturn's North Pole.") Neptune shows us both a Great Dark Spot at 19.5 degrees such as Jupiter, as well as a cloud band such as Saturn. The most recent pictures of Neptune, in a special edition of *Scientific American* in March of 1998, show clearly how a thin band of white clouds continually surrounds the entire circumference of Neptune at the same latitude as the Great Dark Spot. No explanation or guess is ventured for why this would be. Uranus has not been adequately photographed to determine if a similar spot exists there, but given the evidence in all other gas planets, it appears to be nearly certain that a similar one will be found.

The implications of all of this are very significant. We have taken great pains to demonstrate how these simple geometric shapes make up the smallest "units" of pulsating energy within the Creation, and we are now seeing them emerge as stress points of circulating energy on much larger spheres, those of our planets. So far, denouncers of Hoagland have been loath to provide alternative hypotheses for why these energy upwellings would show up on these other planets.

Should Hoagland be "proven" correct, it would invariably lend credibility to his other work with Mars. As we had said, Hoagland showed repeated examples of the 19.5-degree angle and e/π ratio in the relationships between objects in the Cydonia region of Mars, where all of the anomalies such as the pyramids and Face are located. These have also been demonstrated in crop circles, as we have already shown in previous chapters.

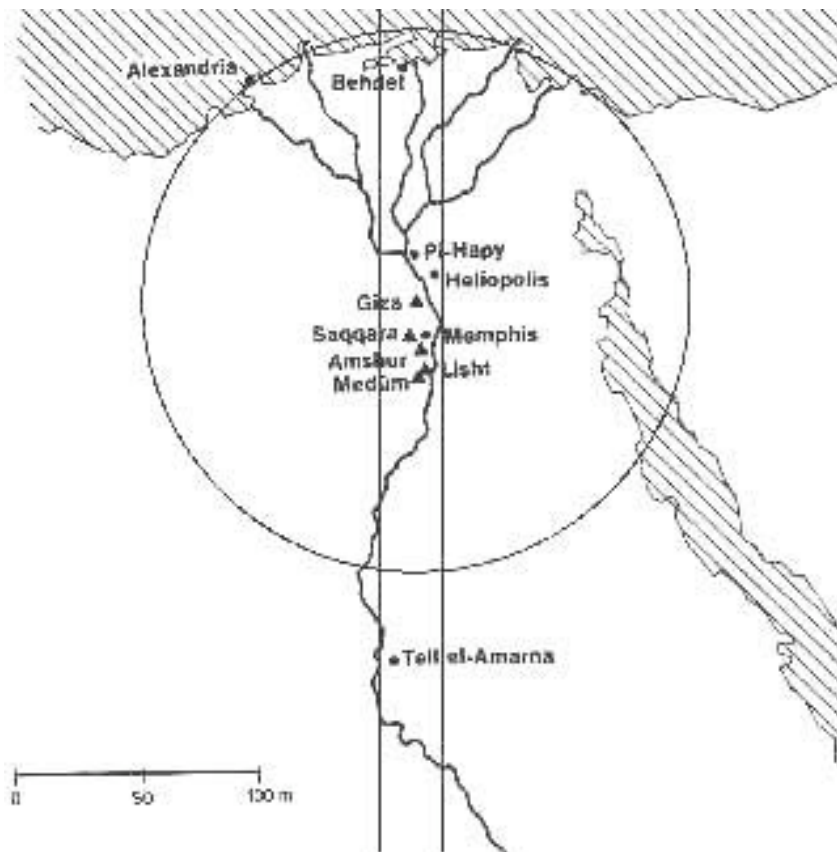


Returning to our study of the dynamics of the tetrahedron in the sphere, the Cydonia complex is almost exactly 120 degrees, or one third, of the way across Mars from where the giant Olympus Mons volcano is. As anyone can see, 120 is exactly one third of 360. Thus, we can see that the distance between two tetrahedral points on a globe should be 120 degrees, as the tetrahedron would divide the globe into three equal parts.

The question then becomes, why would anyone want to build Cydonia, a complex of pyramids, in that spot? We must assume that they were somehow harnessing energy that the tetrahedron was emitting. However, Cydonia is well above the 19.5-degree point. [Although Hoagland's team points out that the latitude at the top of the D&M Pyramid is exactly 40.87 degrees, which is precisely the arctangent of e/π , or 0.865.]

Here is one possible answer. Even though the Cydonia complex is not built upon the upwelling itself, there may be a sort of energy longitude line that extends directly upwards and downwards, crossing the point of the tetrahedron. If this were true, we should expect that the tetrahedron would create vertical bands of usable energy that would all be separated from each other by 120 degrees, and would run north to south. The arctangent of e/π might well be another focus point or energy node that was very useful at the time of Cydonia's "construction."

This same phenomenon appears on the Earth. This can be seen in the work of Carl Munck, our global grid researcher who discovered a system of coordinates that includes nearly every sacred site on earth. In his book, *The Code* 1997, he shows how all of the Egyptian pyramids can be lined up into a very narrow strip that runs straight north and south.

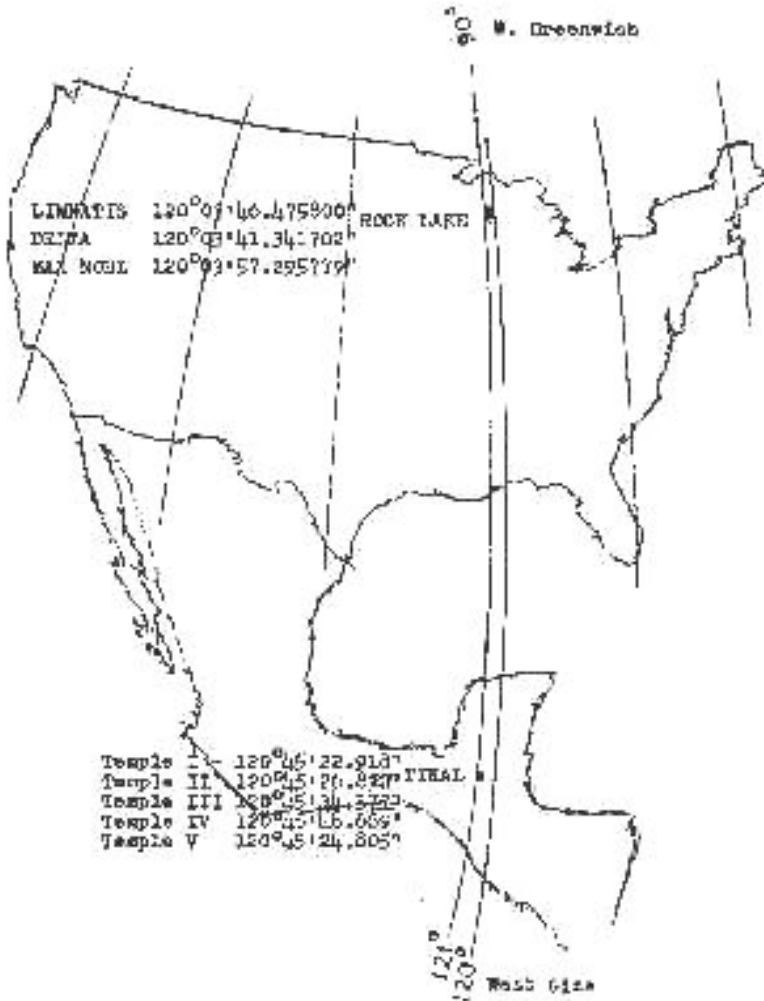


The first thing that we should see in the image is how closely the Nile River follows along with the grid line. This follows along quite well with our idea that the grid lines carry flowing currents of energy. These same currents cause spiraling vortices to be formed in the gas planets, such as the Great Red Spot of Jupiter. Furthermore, if we draw a "node point" similar to the circles on the edges of the tetrahedron in the Barbury Castle crop circle, it precisely describes the boundary of the Nile River delta to the ocean.

Since Gizeh is at exactly 30 degrees North latitude, we will soon see that this becomes the node point of the intersection of two other Platonic solids. From the effect of this point on the Egyptian coast, it appears that the strength of these forces not only cause volcanoes, but they actually shape and mold the land around themselves.

Munck then shows us that if you go exactly one third of the way around the Earth, you come to Mesoamerica, home of the Aztecs and Maya. A literally identical grid band shows up exactly where we would expect it to be – 120 degrees from Gizeh, as we see in the image on this page. Clearly the entire pyramid complex of Tikal conforms to the north-south grid line configuration. If you extend the line further north, it also encompasses an obscure pyramid and related artifacts that were found submerged under Rock Lake in Wisconsin. Munck goes into much greater detail about the significance of these artifacts than we will here. Later we will see how these shapes precisely define where they are on the Grid through their measurements. The reader is encouraged to purchase Munck's material for further information.

Global bending of the pyramids.



So, if a grid band represents a stress point in the energy that is creating every molecule on the Earth moment by moment, then we should expect that an area of higher stress would mold the shape of the land around it. If you look closely at the Yucatan area of Mesoamerica where the line rises, you see that the entire peninsula behaves as though a force of some kind had called it into alignment with the grid band itself. It neatly follows it between the lines and cleaves off in an almost horizontal straight line. This is more evidence of the force that the harmonic energy of the grid band really has. The main grid line passing through Gizeh also obviously has similar power, as it might be responsible for centering the entire landmass of Africa. After all, the longitude line passing through Gizeh has the largest amount of land touching it at any point on Earth.

The main point that we want to show here is that the Rock Lake area appears to be harnessing energy. As Munck writes,

...it is common knowledge around Rock Lake that people see things that aren't really there, like great rocks floating on top of the lake, only to vanish a few hours later. Ice fishermen trying to start their chainsaws out on the ice can't get them to run. Once back on the shore they run fine, but returning to the ice, they again refuse to start. Scuba divers, trying to film the submerged

pyramids, can't get their cameras to work near the pyramids. Back ashore, they work fine. Other scuba divers, as they prepare to enter the lake, are suddenly filled with a sense of dread.



So, just from Munck's brief description, we can see that there is apparently an energetic disturbance going on in this area that is strong enough to cause both mechanical failure as well as effects related to consciousness. As our idea here is that these areas represent stress points of higher-dimensional, intelligent energy, both theories would fit. The higher frequencies of energy would render such things as spark plugs for chainsaws and batteries for electronic cameras inoperable, as it would actually change the vibratory rate of electromagnetic frequencies in that area, thus making them incompatible with ordinary devices. This is a literally identical result to the observations that have been made when a UFO closely approaches an area; all mechanical / electrical items stop functioning. So, the same higher energy forces that the UFO is capable of harnessing will also arise from the Earth more powerfully in certain locations.

These frequencies would also be occurring on the consciousness level, thus possibly causing hallucinations and emotional reactions. A similar reaction seems to occur in the presence of UFOs, leading people to have "screen visions" and anxiety, as well as euphoria and the sense that "all time had stopped" or become silent. It appears that the builders of the Rock Lake artifacts were harnessing usable energy, and modern people have yet to be able to put it to good use for feats of consciousness.

So just to better orient ourselves, let us look at what we have so far in terms

of our grid bands. The following map from Munck's book will help us to see clearly where everything is. We will also introduce the tetrahedron into the diagram in order to help visualize its proper placement.



Now we know that Rock Lake has demonstrated anomalies. But what about Tikal? Carl Munck discusses the main pyramid at Tikal, which is at the lower portion of the American grid line at the Yucatan, indicating that it is unique in several ways. First, its depth shows an exact harmonic of the equatorial circumference of the Earth in feet - 24.9015, which is a harmonic of 24,901.5 statute miles. He goes on to show how the Tikal pyramid encodes the exact measurement for the surface area of a sphere, which will always be 41252.96127 square degrees. When we multiply this sphere number by three, representing the three staircases on the pyramid, one discovers the pyramid's exact longitudinal coordinates on the Grid! This looks very curious, as we are taking a number representing a sphere and using it in a set of three. This is just like our tetrahedron dividing the spherical Earth into thirds.

CARL MUNCK AND THE SCIENCE OF ARCHEOCRYPTOGRAPHY

A good introduction to Carl Munck's work can be found here, in his Code books or videotapes and in any of the Laura Lee Show broadcasts where he has appeared as a guest host. Further independent research can be found from Joe Mason et al.'s study group known as "The Code Gang" at www.greatdreams.com/gem1.htm, and they also appeared on the Laura Lee Show. From all of these sources, what we basically learn is that Munck has single-handedly derived a complex system of mathematics that shows a worldwide grid system in use. But this is not like any other grid system we

have been dealing with!

It is interesting to point out that Munck was initially inspired by the work of Edgar Cayce. In one of the Cayce Readings, a questioner asked if we would ever be able to understand the pyramids. The remarkable reply was that we would first have to understand the "mathematical precisions of the Earth." And, as Munck puts it, "To me, that says two things very loudly: Math and maps." From this interesting point of departure, Munck takes us on a mathematical joyride, where synchronistic numbers of the Earth's measurements seem to emerge everywhere he looks.

Munck asserts that the ancients used a 360-degree system, the same as we now use. Furthermore, his evidence indicates that the Prime Meridian was once located in a different area, which actually appears to be a far more appropriate area, as we shall see. Our current positioning of it in Greenwich, England is basically due to the early years of European conquest and scientific hegemony. Munck's work shows conclusively that the Ancients used Gizeh, Egypt as zero longitude or the Prime Meridian. Were a society able to perceive the crystalline energies running through a sphere, it would be obvious to put the Prime Meridian at the point where all of them were balanced together. Munck indicates this point to be in Egypt, straight through the Great Pyramid. The reason for this being the "balance point" is easily seen with the distribution of the continents, as Gizeh, Egypt is the only place on Earth where "Great Circles" around the Earth's circumference can be drawn in every direction and the total amount of land that they cover, as opposed to ocean, is higher than any other spot. In other words, Gizeh is the true center of gravity on the Earth's surface, a "node" that all of the continents seem to resolve to.

So, there is no other intersection point on Earth where these great circle lines will cover a larger amount of planetary landmass than Gizeh. Most pyramid researchers think that the Egyptians built the pyramid at this spot simply to map out the planet and impress us with precision. What we are saying here is that the builders had no choice but to build the Great Pyramid exactly where it is, if they wanted it to work properly. The reason why it is the gravitational balance point of the world's continents is that the harmonic crystalline structure of the Earth's vibrations arranged them that way, in the same manner as how it curved the land surrounding the Nile Delta. The Great Pyramid is built over the single most powerful vortex on the entire planet, where the lines of the tetrahedron, cube, octahedron, dodecahedron and icosahedron all cross. Drs. William Becker and Bethe Hagens will show us this in the next chapter with their Grid map.

So, although Munck doesn't delve into the Platonic solids, he has determined where their center point is. Munck has not made a worldwide geometric "grid map" per se, in the sense of a diagram that can be easily charted over the Earth's surface from which physical observations and / or predictions can be made. But, in *The Code*, we do see smaller examples of four or five sites that fit together with straight lines in what Munck calls "kite-shaped" patterns. So, if there is no "grand map" in his model, why does Munck call it a "grid?" How do we visualize a grid without a precise map of it?

To make the summary statement of Munck's work more precise, we could say that what Munck has actually discovered is a ubiquitous, planet-wide system of coordinates. According to Munck's startling evidence, this coordinate

system was mutually agreed upon by almost all builders of Sacred Sites on Earth, regardless of where these sites may be. This coordinate system works off of a 360-degree sphere, with the Great Pyramid, or the center of the Platonic Solids on Earth, as the Prime Meridian. The next question that immediately arises is how the Ancients could have put coordinates into their monuments. Clearly they did not carve the latitude and longitude numbers into the sides of their temples, or else we would have found them already!

While the Ancients certainly could have tried to do this, their true method was far, far more elegant. What these ingenious architects did was to work the coordinates into the actual structures of the objects they built! All over the world, Munck shows how the actual structure of the sacred object, the number of faces, stairs, sides, terraces and other features that it contains, reveals its code numbers. In other words, the basic "numbers" for an object are acquired by simply counting up its visible features. Many of the Mayan temples have large numbers of stairs, and Munck eloquently shows how these numbers add up together. So again, the actual shape and structure of the object itself gives its crucial coordinate numbers. Once this is done, the numbers are combined with some basic and obvious form of addition, multiplication, subtraction or division, and then combined with a special "constant" that we will discuss in the next chapter. This forms a larger number that Munck calls the "Grid Point Value." It is this number that provides the key to the coordinate position, for Munck shows that a simple mathematical operation on the latitude or longitude coordinates will come up with the same exact number, down to many decimal places! This simple operation is conducted by adding, multiplying or dividing the number of degrees by the number of minutes by the number of seconds in the coordinates.

So again, once you get the basic formula from the structure of the object itself, your next step is to factor in certain basic mathematical constants. All of these constants, such as pi, would be universal throughout all planetary societies. No matter where you live, if you assign a circle a diameter of 1 unit, the circumference will measure 3.14159 units. Since numbers like this represent mathematical laws that cannot be altered, they were used to interplay against the basic measurements of the structure itself. And what we are left with is a truly ingenious system that transcends all language barriers.

When Munck's formula is used to factor in simple, universal constants to the outside features and measurements of the sacred site, the results are very significant. All over the world, with extreme redundancy, all manner of different sacred sites will literally describe exactly where they are on the Grid, in terms of a 360-degree coordinate system with the Prime Meridian at Gizeh. The basic units of length measurement that are used in Munck's system are miles, feet and inches, and it is these "English" units that provide the remarkable results. Obviously, this forces us to believe that these units are a lot more archaic than we normally would think, as in most Pyramidological literature, ancient measuring units are often seen as "Primitive Inches," "Cubits," "Stades," "Furlongs" and the like. The article that we referenced above on Laura Lee's website shows some of Munck's simplest and most impressive work in decoding the Mayan Pyramid of Kukulcan.

The author of this book pondered for a long time about why Munck didn't boil everything down to a visual map of some sort, involving a series of interconnecting lines, as this was what he had expected to see when he first

received his copy in 1997. Since the Platonic Solids clearly seem to be in effect, the question became this: how would we get Munck's sacred sites to work with the Grid that we do know about? This question was actually one that Wilcock's own extraterrestrial telepathic sources posed to him when he was in trance, back in Spring of 1997. At this time, he was simply told to "combine the work of Carl Munck and Bruce Cathie together." As we have just seen in the last chapter, Cathie's work is quite complex, and Munck's work certainly is as well. At the time of this writing, nearly two years after the fact, David's sources finally answered the original question in a reading. By this point, David had finally done enough research to be able to receive the answer, and he was now also aware that he was in contact with Ra, the same extraterrestrial group that created the Law of One series with Don Elkins, Carla Rueckert and Jim Mc Carty.

Reading 53-29 started with a dream that David had awakened from, featuring a canary that was perched on a piece of concrete inside an attic. A huge explosive noise happened outside, and the shock wave seemed to travel through the air, killing the canary instantly. At the same time, the number 1080 flashed in gigantic form, taking up his entire view. Then, it stopped, and he woke up soon afterwards. After dictating this part of the dream, he made this first initial statement:

D: I am getting the metaphor here that this dream has something to do with the lunar number 1080, the climate canary dying, indicating upcoming danger, caused by something at a distance that ruptured the ground right in front of the canary. It sounds like a formula, again, telling me of an earthquake, and with the number 1080, telling me that it has something to do with when the moon is going to be full, possibly giving us a time. I don't know. All this dictation must have started around 3:28 a.m.

Right away, Ra proceeded to answer the question about what the dream might have meant. In this part of the reading, there is a prediction of further major earthquakes that would occur in 1999, which was certainly seen after the reading was transmitted -- 1999 was the most intense seismological year in recorded history, with several very severe earthquakes above seven points on the Richter scale. Furthermore, we can see that the dream may well have been speaking of the alignment of the Moon with the Sun on Aug. 11, and the substantial land shifts that occurred soon afterwards. In that sense it was very accurate!

True to form, the spherical mass of gravity will become more regularized as a constant in the approaching months and years. In order to do this, it has to renew and revivify the connection to the instreaming fourth density positive solar energy. This comes about indirectly through the polarity of the inhabitants, and more directly through the inevitable realignment of the global grid itself. This aspect of change is not necessarily malleable, although with the harmony of the inhabitants, it can be met at a much slower speed, hence much less disastrous.

The connection we have is to the Source Self of All Beingness; we are that Light as well. Know then that this contact will continue to occur as the greater effort is then made to seeking the Christ Light within you. All you need to do is begin imagining the unutterable name of the One, and you will then be on your way to arriving home.

These [consciousness] units are comparable to a host of other multilayered presences, and in so doing, they encompassed a single unit in and of themselves, which was a function of the interaction between large and small, the planetary field and the individual (or apparent individual) entity field. Separation does not exist, as there is a consciousness unit formed from this unity, even as the global grid is formed.

Now this appears to be a most interesting comment that Ra wanted to interject as we have discussed consciousness units and the global grid. What they seem to be telling us here is that we as human "entities" are also part of the Global Grid, and together with the planet, we all fuse together into one, gigantic consciousness unit in our own right. Obviously, this is a very dynamic phenomenon, affected by population centers, human travel from one location to another, et cetera. So, we construct and affect the grid by where we choose to position ourselves.

The next sentence below is obviously working off of Hoagland's work, where the measurements of the Cydonia complex on Mars show us the mathematics of the circumscribed tetrahedron. Then, Ra addressed David directly, regarding the assembly of this book.

Those ancient monuments [on Mars] have kept the ball rolling for hundreds of thousands of years, and now you are accurately discerning their message of physics with relation to rotating spherical mass and to the inscribed geometric shapes therein. Do not fail to realize importance of what you are now doing. To an onlooker from another plane, it is quite extraordinary to see you becoming able to put all these things together. That fact alone has made us very happy. Part of why we mentioned 1080 in this dream is in order for you to be able to give some of the basic information indicated by John Michell regarding the harmonic proportions of the earth and moon in miles, as this will help round out the idea of the true harmonicity of the Earth's polar surface in times past.

As we touched on already, Michell's work shows us that the Moon's diameter in statute miles is exactly 2,160, or 2×1080 . Through some special mathematics, he shows the fundamental harmonic relationship between the Earth and the Moon. As one example of Michell's unique work, he reveals that we are the only planet where the Moon is precisely big enough and at just the right distance to produce total solar eclipses with a visible corona. Other moons are usually too small to do this, based on the relative position of the planet to the Sun.

Never before have I been able to speak so closely to you, and it is with my consciousness that we are able to meld as One, and merge into the depths. So now as we come closer to understanding this Oneness, we feel compelled to shake off the boundaries that have surrounded us as we have studied the circumscribed tetrahedron within the sphere and other things. Instead, realize that it does all make sense, it does all fit together, and you will indeed be coming home very soon. We underline and stress the word very.

The moment by moment transformation of your very existence is wondrous for us to behold, as we see you are completing paths of karma that might indeed have taken thousands of years otherwise. [David,] your romantic

seclusion with self has indeed been productive of a great number and variety of ways for you to remain whole and complete in a short period of time in the present. As a result of this, the next time we have to look into the looking glass, we will have come even farther and made even more progress, conducted even more readings, lived more fruitful, more fully energetic lives.

The "romantic seclusion with self" that they are speaking of represents David's own ability to face the issues within the self over a long, extended period of almost complete solitude. That solitude and "alone time" has provided substantial benefits, including this book and other works. All too often, we surround ourselves with distraction, including TV, radio and the presence of others, and we never enter into true silence.

Know right now that it's different. You are able to walk and talk a deliberate continuum of events that includes the discrete past as well as the discrete future. The hoarders of this information have not given it to you in the way in which you would like. Rather, they continue groping blindly forward, lacking direction and substance in their meanderings. Let's focus more on the addendum to the author's preface, and see the transformation that must occur now waiting in the wings. Saturn and its rings beckon you to rejuvenate your full contact with the Council therein.

Many times David's readings will say things that are not immediately understandable, rather phrased in metaphorical language that must be personally decoded for meaning. And thus, we interpret the "hoarders of this information" as representing those people who have allegedly channeled material, but it is actually coming from their conscious minds. This is obviously a very common phenomenon, and as a result a great deal of contradictory information abounds on the Internet and elsewhere. Since the main topic is Earth Changes, we can see that Ra is explaining that it is our own consciousness and focus that determines how quickly these changes must occur. In the next paragraph, Ra speaks on David's own reluctance to receive any psychic material related to Earth Changes.

To know these blessings is a great gift, and we achieve it second by second as you feel this sense of belongingness. Do not worry about how all of this will happen, or about why you feel that it is necessary to run and hide with regard to Earth Change prophecies. Instead, see the whole issue as a volleyball game with Spirit. Both sides of the net are trying to keep the ball up into the air, but it is Spirit that has created both sides, as well as the net, the ground that surrounds it, and the air that the players breathe. The forces in the earth are like the two sides of volleyball team, pushing and pulling, giving you a summary of different stresses. The discarnate forms of the enlightened could be construed as part of this game, with conscious humanity on the other side.

Know then that in our heart of hearts, we only want the best for you. We only want what is right. We are also aware that the 75,000 years of your karma is ending, and a gateway more massive and spectacular than anything you could have ever imagined is now extraordinarily soon to open.

The seeds become simpler, then, when you understand how to sow them. In order to create the necessary learning experiences to positively polarize the entities upon your plane in a short time, we have been mandated by the flow of energy from within each of you to continue to guide your planetary sphere

in this direction.

So we have a cavity of sorts developing. A cavity that needs to be filled, a blemish on the tooth that must needs be drilled out and filled in with porcelain. In order to keep you are aware of revolution, both human revolution and the revolution of the music of the spheres, it is necessary to begin asking some very simple questions: Who am I, where did I come from, and where am I going.

The information superhighway is up and running, and we are but one example of how it is that a planet of information resounds around you in this Creation. As we prepare to venture deeper forward into higher realms, we also know and understand that the most anyone can do is to aspire to God. So, we have a unique balancing beam act that we must portray - we delicately point out the ways in which your own equilibrium and balance as a planet is kept with such great care and determination.

From this point, David directly tackles the topics already being discussed in these chapters by asking Ra a series of precise questions about this work. His biggest question was how to rectify the difference between Bruce Cathie's units of harmonic time and distance with the figures shown in Munck's work, relating to traditional English inches, feet and miles.

D: I would like to ask a question. I have been doing some pretty involved work on trying to fit together Richard Hoagland, the work of Bruce Cathie, which I have expanded upon considerably, the work of Carl Munck and also Becker / Hagens. So here's the catch-22. Bruce Cathie uses a system that seems to be derived based on, predominantly based on, division, addition, subtraction and multiplication, those four basic operators. There are some square roots in there, and I guess that there are squares and cubes as well. So, the operators are basically the same, but there are no trig functions as I see it. I haven't seen any tangents, secants, any of that stuff. Actually, it is usually tangent, cosine, sine.

Anyway, this system of measurement seems to be based completely on units of arc, a degree measurement system based on 360. That is how he measures everything. And, that system of measurement is connected with the harmonic values for Light, and that is how I am using it now, to express the harmonicity of our mathematics with regards to the dimensional frequencies. And then on the other hand, we have Carl Munck, who has accurately set the prime meridian at Giza, and we have such fantastic redundancy in his numbers as to be truly stunning. Now in his case, he is using a system of feet and inches and miles to derive his measurements.

There is definitely some stuff that makes the idea of using [the English system of inches, feet and miles] look good, specifically the [measurements of the] moon. I think I am starting to get the answer here already. Could you please explain how we rectify these two differing systems of measurement together, since you had asked me to combine this data?

[And now, we get the answer:]

When one utilizes an advanced function of research like this, we need to keep in mind that the answers are more difficult than the questions. Understand,

then, that what we are looking at is indeed two overlapping systems, wherein the grid measured by Cathie is in effect, and can indeed be mapped with great precision upon the Earth's surface. What you have in the case of Carl Munck is the rediscovery of the cosmic or Atlantean influence upon modern measurements; that influence centered more purely and concretely in the regular foot, inch and mile measurement.

As you have seen, the harmonic values of the Moon's diameter, the 2160 miles, et cetera, are all very good. And thus, we do not wish to confuse you, merely to state the following. When it comes to the spherical mass of the Earth, relative to its grid and so forth, it is necessary to view this grid by and large as occurring within the 360-degree system. So therefore, although your terrestrial scientists have referred to one minute of arc as a nautical mile, it is better to understand that this is in a sense its own animal, its own form of measurement.

What we have with Munck's discoveries is a reaffirmation of the validity of one of the two major rediscoveries of modern human civilization; namely, this lost system of notation.

At this point, the flow stopped. From what small amount David could follow as it came through, he could tell that the question was not answered with very much specificity. So, he probed them for more information.

D: Well, okay. Do you have any further knowledge as to how to resolve these two grids together?

Understand that to a large degree, many of the earth works that you see were designed simply to worship and honor the Earth itself. And thus, certain harmonic points on the globe were indeed a function of the global grid in its various forms. It was at these points that the monuments were chosen to have been built. There is some intricate-level work that could be done on all of this, and we will leave that to future authors. What we can say is that you have already given us far more to be proud of you for than we could have ever imagined possible.

The important point is to remember Munck's main discovery, which is this. The ancients devised a system that was very simple, a system of mathematics. This system enabled them to encode the positions in degrees upon whatever earthwork or stone object was in question, with relation to the global grid. This global grid's prime meridian was, as we said, centered through the Great Pyramid of Giza, and this is based upon the mathematical precisions of the Earth with relevance to the interplay of the various geometric shapes and their various frequencies and foci - two tetrahedra back to back, et cetera.

Upon continuation of this concept, we then see that the fifth harmonic interval on the musical scale plays an important part. As it sounds well to your ears, so too does it resonate well with the grid. This is indicative of why the Cathie grid as charted out, obviously by Bruce Cathie, favors so strongly the geometrical positions of the octahedron for your own level and the cube for the fifth. This does illustrate a certain balance/imbalance now present within the Earth's temporary equilibrium. We would like to think of the fifth density energy as lying dormant in potential for your people now, although very strong and close to the surface for us.

Therefore, we see Cathie's discoveries regarding UFO tracklines and the like strongly favoring this particular shape, as it is the easiest to use, and by far the strongest to see. The other shapes do have an effect, and have had their effects in the position of landmasses and the various gravity anomalies that you have seen. So, it is important to look at everything here on the drawing board. As we have said, Munck's discoveries involved counting the number of visible features on the earthwork, pyramid or temple in question, and then multiplying or dividing these numbers by some of the fundamental constants Munck has discovered, such as 1.177245771, cetera. The cube root of double pi is another such constant.

This point in the reading can be clarified more precisely by reminding ourselves that Munck's measurements come about by multiplying or dividing the numbers within the degree, minute and second coordinates of the earthwork in latitude and longitude. One simply multiplies or divides the number of degrees by the number of minutes by the number of seconds. This operation (usually) produces a single irrational number, or a number with a decimal point. Then, when you multiply the visible features of the earthwork together with one of the basic constants that we mentioned, you end up with this same number. It is the two systems working together that produces the accurate Grid coordinates. Munck calls these "sum numbers" the Grid Point Values for any earthwork. Now, the reading continues:

By working together these disparate sources of information, and working in the basic constants, we may indeed then see, as Munck has accurately noted, that time after time, again and again, literally all major stone works or earthworks upon the Earth's surface have precisely encoded their coordinates upon the grid in latitude and longitude. This is by no means a small feat, but indicative of the amazing degree of precision and fastidiousness with which those who built pyramids have been involved, among others.

D: Okay, well I guess that was the end of my question. Let's see if I can refine it a little bit. Would Carl Munck's discoveries work better with the Becker / Hagens system, or the Cathie system, and if there is a difference, could you please explain what the difference is?

[Note: The Becker / Hagens system employs all of the Platonic Solids together as one, and we will examine it in the next chapter of this book.]

In order to understand this coordinate system, it will be necessary to study more concretely the interplay of various forces integrated as a whole, including diamagnetic energy vortices, and the summation between magnetic lines of force and plate push. This was all well illustrated by Dr. Richard Lefors Clark. Lest you be frightened by the size or volume of this data, we remind you that there are no worthless paths in the Creation. All paths are part of the One Creator, and all will lead you back home. The siting of these ancient monuments reflects quite nicely the system of physics that was understood, and the careful encoding of certain areas on the grid's nexi of electromagnetic instreaming force.

The work of Dr. Clark will be discussed in our next chapter, and the source of the article that they are referring to is in David Hatcher Childress' book, Anti-Gravity and the World Grid. Dr. Clark shows that in addition to studying the

Global Grid, we also need to consider the shape of continents and the directions that the plates are moving in order to figure out where the greatest energetic upwellings will be. He expresses these "stress lines" as bowtie-shaped "diamagnetic energy vortices," and we will cover this in the next chapter. So, what Ra is telling us in this reading is that these earthworks were not simply built on "node points" of the Global Grid, but on complex intersections or stress points between the Grid and the other forces at work on the planet. And thus, these earthworks were not so much built according to one single Grid map, but rather constructed where they needed to be built. As the reading goes on, we will see why they were so necessary.

These separate points had structures built around them in order to make them useful for the purposes of healing and / or planetary balancing. These were the two primary functions, as we have already stated in the Ra Material. So therefore, in going about this in the most complete way possible, we can see that without having done this to such amazing fastidiousness and precision, then the system itself would have been incomplete. In many cases, it was the structure itself that was of highest import, not as much the way that it was built, which was to encode its grid latitude and longitude position.

The structure itself was necessary to be built along certain lines in order to regularize the energy flows therein. And thus, you do see a great many stone circles, or earth circles, as in certain cases, the circle is by far the most adequate energy regularizer for grid fluctuations. Remember that these grid fluctuations are caused largely by the consciousness of the planet's inhabitants. And thus, in the ancient civilizations of the past, these fluctuations were being offset by higher level races coexisting with those in a much more primitive state, who were not capable of discernment, and did create disharmony to a large extent.

Munck writes a great deal about the "Mound Builders" in North America, and shows his Grid mathematics coming into play in the construction of many large circles of earth, most of which are in Florida. And now, we have seen the Miami Circle as well, an "inverse Stonehenge" where there are sockets in the ground in place of standing lintels. Hoagland has already cited preliminary evidence that there are standing stones designed to fit within these sockets located nearby, thus equipping it as an observatory much as Seth had referred to Stonehenge, which he called "Stockridge," previously. Now, Ra is telling us that the purpose of these circles was to balance and redistribute chaotic Earth energies.

And so, when a man tries to reach 0 degrees longitude and 30 degrees latitude, he will come upon the Great Pyramid. In this way, then, all other objects do encode their position relative to the Great Pyramid, and this measurement is stored by the construction method itself. You might then ask why this is necessary. Our answer is thusly stated: By inducing an appreciation for the Code's measurements among the populace, the ancients were able to indeed preserve their records. The most important reason for why this coordinate system was done was to insure that the proper usage of the Grid be maintained for future generations; namely, the accurate setting of the Giza pyramid as the Prime Meridian.

It was for this reason that it was done, as it was important that those who would come in later decades of Divine days, shall we say, would then be able

to reconfigure the global grid based upon the coordinate point of the earthwork they had found.

Here they refer to the Bible quote, "a thousand years are but a day in the eye of the Lord." So, a "decade" would be 10,000 years. They are obviously dating these monuments by making that statement.

And so, this was indeed a very important way of keeping track of their own system of measurements, to then have a living file index, if you will, that allows for the necessary information to be reconstructed at will if even one earthwork was found, and the code then understood to the initiate in dreams and visions and the like.

Archeocryptographer Carl Munck has indeed exceeded our expectations quite well, and has gone beyond the normal boundaries of ordinary reality to prove those things that might seem far above simple to you. It is for this reason that we commend him as having a major part in the rediscovery of Atlantean physics, mathematics and science. This grid encoding system was indeed very valuable, and thus wherever you look you will find it. This is the reason why Munck has continued to discover such amazing feats of geometry and mathematics wherever he looks.

This also has to do with why he has found similar connections with the Cydonia complex [on Mars,] then linking it to Earth. As the overseeing spiritual forces in both areas are the same, so too have they built or collaborated in the building of the earthwork structures for the various inhabitants of these points. Remember then that this is, as you would term it, an alien science, given by the Council of Saturn and the Confederation of Planets at large, to whomever might be of the presence of mind to use it.

This system is so applicable and so effective in its format that it is, in a sense, the universal standard: to simply count the faces up of the object in question, to take its measurements and then work in those measurements against known fundamental mathematical universal constants, then encoding its grid position based on the 360-degree coordinate system that is an aspect of Divine Creation in its usage of fundamental frequency numbers of sound, geometry and light. And thus, the Law of One is satisfied in whatever form necessary, and you see a passive planetary science being introduced into the various societies and civilizations therein as they approach readiness.

And thus, there are many similarities, and Munck is indeed accurate in setting the Martian prime meridian in Cydonia, at the point of the D & M pyramid, the giant five-sided mound that was home to so many entities at one time.

We now take our leave of you, and remind you that this work you are doing is of paramount importance to the future of human civilization. Do not fail to underestimate the power of your contributions and their significance, as it will all become readily apparent in the very near future. You may indeed reprint this reading into the transcript of your book, in order to help discuss Munck's work more clearly. We thank you. Peace be with you in the Light of everlasting Love.

D: The time now is 4:33. It has been about an hour.

And so, with this reading and the data concerning Munck that we have discussed, the implications are quite significant, as it indicates that literally the entire world's collection of sacred sites were created and mapped precisely by what had to have been a global culture. And, the erection of these monuments had a discrete and perfectly understandable science behind them -- the balancing and harnessing of planetary energies. We also were given a hint as to the connecting link between Munck's work on these monuments and our Platonic, consciousness-unit based Global Grid. Complex stresses are at work, and the monuments were built where they were needed to be located to provide for the balancing of Earth energies. The design of the monuments was crafted in such a way as to illustrate their coordinates.

Our initial point of entry into this material was to show how these "grid bands" showed up on both Mars and Earth. We had printed a map of the Egyptian and American "grid bands" above, and demonstrated their value in determining the siting of ancient monuments. We also could see how the gravitational energies of the Earth itself seemed to be affected, by the structure of the Yucatan in Mexico and the placement of the Nile River and its delta in Egypt. So let's refresh our memory on the grid bands with a quote from Munck, as we pursue the real meaning behind them.

...It appears most of the pyramids between 120 and 121 degrees west of Giza will show us constants in the same way. Just why they do I am not yet certain, but 120 degrees is 1/3rd of the way around the world from Giza, hence 1/3rd of a full 360 - degree Earth. It could be as simple as that.

If our model is correct, the entire tetrahedron should show itself on the planet through grid bands. Yet there is nothing in Munck's books about the third band, which as we can see in the earlier diagram would be right near Japan.

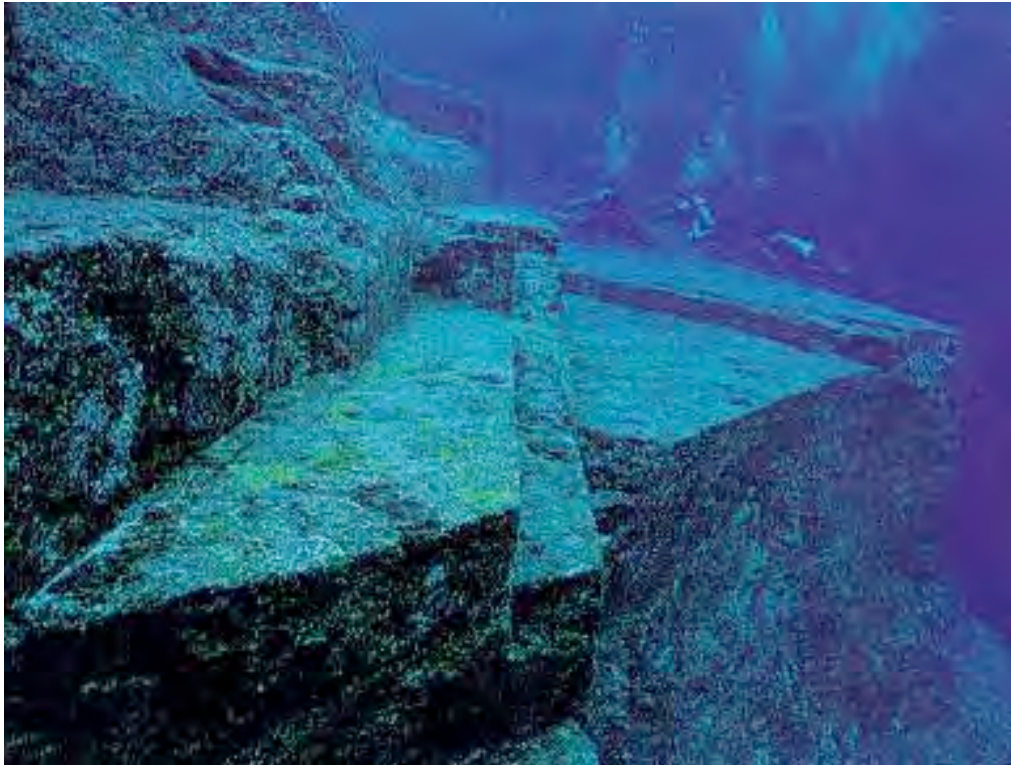
As we investigate this concept further, a few points should become obvious. The Japanese islands are volcanic, as everyone knows. Hoagland shows us Olympus Mons on Mars, a volcano three times the size of Mount Everest that is right on the grid point of the tetrahedron. So, if we look at the entire structure of Japan, we see that it is essentially a big strip of land that runs nearly parallel to where our grid band would be, and actually crosses over it at the top. Near to where it crosses is the island of Okinawa. And it is right near this area that we find our next clue to the mystery.

Laura Lee was the first major media outlet to reveal pictures of submerged megalithic structures off the coast of Yonaguni, a small island near Okinawa. The Japanese researchers working on this are unanimous in agreement that they could not have been above water for at least the last 12,000 years. Though not true pyramids, the structures have amazing rectilinear geometry to their design and easily dwarf the scuba divers swimming around them. They also are built with successive layers of massive blocks that taper inwards as one goes higher up the sides. This portion of the structure looks very similar to a step-pyramid or ziggurat, as well as being a parallel to the Central American designs such as Tikal.



Therefore, with Japan we can see that our third grid band is satisfied. The Ring of Fire, which is the violent intersection of various continental plates, follows closely to the band and crosses it at Japan. Massive geometric energy forced the land / ocean barrier around Gizeh into a circle shape and causes one of the world's largest rivers to flow "upwards," or South to North, unlike the Mississippi, which is North to South. Similarly, the mighty tetrahedron grid band shows its muscle by causing tremendous upward force on the continental plates at the Far Eastern side of the Asian continent.

So, we can see yet another example of a massive site that was built in an area that would allow it to balance and harness chaotic Earth energies. We can certainly see the chaos in an area like the Ring of Fire, with such strong volcanic activity. Obviously, when the full structure of the Yonaguni megalithic stonework can be determined, it will give us its Grid position based on the multiplication of its faces, terraces and steps, together with a fundamental Earth Grid constant. Once a researcher is familiar with Munck's system, they know what they are looking for. That is why the Miami Circle yielded its Code secrets to Munck and his associates so quickly in 1999.



The 12,000-year minimum age of the Yonaguni structure clearly shows us that this Grid system was in operation during the Atlantean time period. This archaeological finding certainly conjures up images of Lemuria or Mu; another area of land in the Pacific that sources such as Edgar Cayce's readings insisted was above water at one point. The works of James Churchward go into great detail to legitimize the story of Mu. Indeed such ancient sites as Nan Matol and Easter Island, among others, help to show that a megalithic stoneworking culture lived there at one time. The islands are simply too small now to maintain the number of people necessary to have been able to build the structures.

Our point of going into all these details regarding grid bands and energy forms is to fully explain how the Ancients were aware of its presence. This gives us concrete scientific evidence that a consciousness unit naturally harmonizes to the size of a planet, and that it produces energy with measurable effects. Certain ancient cultures appear to have built pyramids and other energy-focusing structures on these grid points and bands in order to stabilize and harness the energy that is created there. While this energy could have physical uses, sources such as Ra indicate that it has profound implications for spiritual consciousness. Such pyramidal "machines" apparently help attune people to the necessary vibrations to make a dimensional shift or energy change. This could explain the oft-cited mystery of the sudden disappearance of the entire Mayan civilization in early AD. We might hypothesize that they were able to calculate the timing of a solar / astrological event, which provided enough outside energy for them to use such structures for the purposes of making such a shift.

In the next chapter, we will complete our entire discussion of the Global Grid as we bring in the Becker/Hagens evidence, showing that the other Platonic solids of the Octave also emerge in quite amazing ways. We will show repeated examples of this grid that were discovered in various scientific studies, and explain how we need to view all of the Platonic shapes together in

order to really "see" the grid.

CHAPTER 12: BECKER / HAGENS: THE GLOBAL GRID SOLUTION

In this chapter, we put the capstone on our investigation of the CU's expression as the Global Grid, through the initial work of Ivan P. Sanderson, followed by three Russian scientists and culminating with the professors William Becker and Bethe Hagens.

We show how the final Grid puzzle is solved when all of the basic Platonic Solids in the CU are plotted over the Earth's sphere.

We see how the structure of continents and landmasses are shaped by this. Furthermore, we investigate reports concerning the mysterious disappearances and hyperdimensional effects shown in certain "node points" of this Grid.

CHAPTER 12: BECKER / HAGENS: THE GLOBAL GRID SOLUTION

We already have seen the cube and octahedron in the Earth from Cathie, and the tetrahedron across the Solar System from Hoagland. That only leaves us with the task of locating Purusha and Prakriti, the icosahedron and dodecahedron, in order for our Global Grid to be complete. It is William Becker and Bethe Hagens who ultimately solved the puzzle for us. At the time their work was published, Dr. Becker was a Professor of Industrial Design at the University of Illinois, Chicago, and Dr. Hagens was a Professor of Anthropology at Governors State University. Together, they demonstrated how these two shapes were first discovered, and then how they assimilated into the ultimate Earth Grid, which they called the Unified Vector Geometry 120 Polyhedron, or the UVG 120 "Earth Star."

Although we had said before that the modern history of the Global Grid may start with Bruce Cathie, the former husband-and-wife team of Becker and Hagens have a different idea. They ascribe this discovery to the work of Ivan P. Sanderson, who was the first to make a case for the structure of the icosahedron at work in the Earth. He did this by locating what he referred to as "vile vortices," or areas of the Earth where mysterious disappearances, mechanical failures and time-space distortions were seen to occur. Obviously, most readers are aware that the Bermuda Triangle reports from the east coast of Florida would fall into this category, but Sanderson looked at other, less popular areas as well. These areas were often referred to as "Devil's Graveyards," since many explorers simply disappeared if they crossed over them at the wrong time of year, apparently with the wrong lunar and planetary alignments activating that particular area.

What initially led Sanderson to this work is the case of, as Charles Hapgood referred to them, The Maps of the Ancient Sea Kings. We now know that during the time of Atlantis and perhaps much earlier, the entire Earth's coordinates had been mapped out by the construction of the different pyramids, temples and earthworks on the Earth's surface. Carl Munck demonstrates this beyond all possible doubt. Therefore, it is almost inevitably obvious that there must have been many Atlantean maps of the world at one time. These maps would have been very precise, given the level of sophistication that we have seen in the precise execution of Munck's worldwide "Code" of coordinates.

We can speculate on how these maps might have been handed down, based on a variety of sources of information. We are told that after the last pole shift 12,500 years ago, the main body of Atlantean land sank. The survivors from the Atlantean priesthood kept themselves in a tight-knit, secluded monastic community, since most of the rest of humanity had descended into barbarism. Since most of the land disappeared, with only a few survivors left, it is clear that only a select few of these maps remained as well.

The Sumerian civilization may have been the Atlanteans' first attempt to rebuild society to any significant degree, and this was started circa 6,000 BC-roughly 8,000 years ago. As Zecharia Sitchin and others have pointed out, the Sumerian civilization certainly seemed to spring up quite spontaneously and dramatically. In a very short amount of time, they had written language, education, laws, agriculture and running water, for example. We know that the Sumerians had the Constant of Nineveh, the cycle we discussed earlier.

Then, when we factor in Dr. Zecharia Sitchin's deeper work as well, we realize that a group that had access to incredible technology aided the Sumerians, a group that possessed flying machines, lasers and other exotic equipment. A very advanced understanding of science and physics was present as well, including the knowledge of the full spectrum of planets in the Solar System. We are also told in the ancient Hindu Vedas and the Cayce Readings that Atlanteans did indeed possess flying machines, so this checks out. (It also could be that the Atlanteans were cooperating with Space Brothers that they had interacted with as well, given the preponderance of "Ancient Astronaut" data that is available. Sitchin's data very strongly suggests the existence of the Annunaki, or "Those who from Heaven to Earth Came.")

The maps were kept within the high ranks of the priesthood well after the start of the Sumerian civilization, and eventually, they were secreted into the Library of Alexandria in Egypt, and later into the academic halls of Greece. It is believed that only those who were members of the secret brotherhoods knew of the existence of these maps. The argument for the secret brotherhoods' existence is extremely strong, and the best book Wilcock has ever found on this topic is *The People of the Secret* by Ernest Scott, Octagon Press, London 1983. Scott's work leaves no doubt whatsoever that this Brotherhood existed, that it secretly allied the major religions of Christianity, Islam and Judaism, and that it still persists in the present moment as a positive group that communes with Higher Intelligence and seeks to gradually unveil the Mysteries to our civilization.

So, these secret brotherhoods sent out seafaring explorers to rediscover the lands that were hidden on their maps, to eventually rebuild a great, technological civilization like Atlantis. Francis Bacon, the father of modern Freemasonry, declared the American continent to be the site for the "New Atlantis." And, in order to set this plan into action, the explorers themselves would need to copy over the maps, at least in part, so that they would have something they could work with. Certain authors including Hancock in *Fingerprints of the Gods* speculate that Columbus had access to these maps, and therefore knew that the Earth was actually round, and that new lands would be found overseas.

All of this proved to be quite interesting to Ivan P. Sanderson, the "father of

the Grid," and now we will see why. The first explorer that we are aware of who copied over one of these maps is Admiral Piri Reis, in 1513 AD. This map focuses on Africa's west coast, South America's east coast and the northern coast of Antarctica. What is so interesting is that it shows the Antarctic Queen Maud Land area as an ice-free coast. And, as Hancock writes in *Fingerprints*, in order for this coast to have been surveyed without ice, it would have to have been mapped between 13,000 and 4,000 BC! Modern humanity did not know the outline of this coast until 1949, as a result of a comprehensive seismic survey by a joint British-Swedish reconnaissance team. (Hancock 1995, pg. 12.)

The man who put all of this map information together is Charles Hapgood, however his theories did not initially start with these maps. Hapgood was a History of Science professor at Keene College in New Hampshire, although his areas of inquiry obviously went far beyond simple history. Hapgood's basic theory concerns Earth crustal displacement, a close analog to the idea of "pole shift," where the surface of the Earth actually changes position. Hapgood says that the entire surface crust of the Earth "may be displaced at times, moving over the soft inner body, much as the skin of an orange, if it were loose, might shift over the inner part of the orange all in one piece." This theory drew the attention of Albert Einstein as well, who contributed the forward to Hapgood's 1953 book. Einstein's quote, reprinted on pg. 10 of Hancock's book, is definitely worth inserting here:

"I frequently receive communications from people who wish to consult me concerning their unpublished ideas [Einstein observed]. It goes without saying that these ideas are very seldom possessed of scientific validity. The very first communication, however, that I received from Mr. Hapgood electrified me. His idea is original, of great simplicity, and - if it continues to prove itself - of great importance to everything that is related to the history of the earth's surface."

Einstein also expressed his own ideas as to how this earth movement might occur:

"In a polar region there is continual deposition of ice, which is not symmetrically distributed about the pole. The earth's rotation acts on these unsymmetrically deposited masses, and produces centrifugal momentum that is transmitted to the rigid crust of the earth. The constantly increasing centrifugal momentum produced in this way will, when it has reached a certain point, produce a movement of the earth's crust over the rest of the earth's body...'

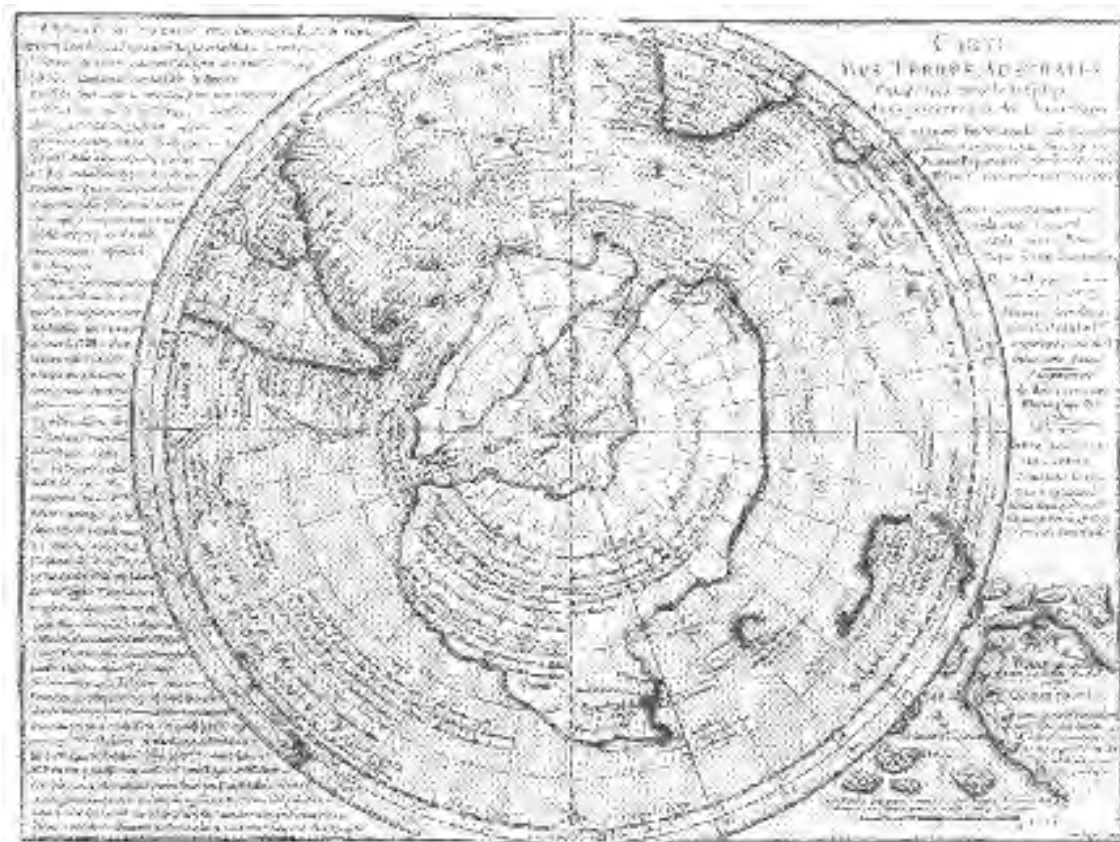
And so, Hapgood's theory explained that at various points in time, the landmass of Antarctica would move out of the coldest regions, by Earth Crustal Displacement. And, he certainly wins "brownie points," since the best scientist who ever lived substantiated his theory. In later chapters we will see that these facts harmonize with the information from Gregg Braden regarding the rise in the Earth's "heartbeat" and decrease in its magnetic field strength. Braden reveals that these phenomena have always occurred directly before cases of magnetic pole shift in the past, which could well be "Earth Crustal Displacement" in action.

We can see that if Hapgood's theory is correct, the Atlantean inundation was

the most recent example of this displacement, as prior to this point, many maps were drawn of Antarctica without ice. Therefore, the shifting Earth's crust must have positioned Antarctica in a warmer area before the most recent displacement. So, Hapgood's model is the best conception that we have for why Antarctica would be in a warmer region. Along with Fingerprints of the Gods, the book When the Sky Fell by Rand and Rose Flem-Ath is also an excellent source for further scientific detail on these points.

The other maps that also showed Antarctica under the ice included the Oronteus Finaeus map of 1531. In this case, we get a complete view of Antarctica, with the edges largely uncovered by ice. Rivers and mountains are clearly visible. Another very similar map was produced by Gerard Kremer, known to the world as Mercator, the author of the modern Mercator map projection that is now so commonly used. Hapgood concludes that Mercator had access to other source maps besides those used by Oronteus Finaeus, since many recognizable features of Antarctica are more clearly visible in his work. So, it appears that there were definitely several copies available during those times.

Another mapmaker who demonstrated equal sourcing and knowledge was Phillippe Buache, a French geographer of the eighteenth century. His 1737 map shows us a version of Antarctica that apparently has no ice on it at all! As we can see, there is a clear waterway that runs straight through the middle, dividing the continent into two main landmasses, one large and one smaller, perhaps a fifth the size of the larger.



What makes this even more amazing is that the Buache version of Antarctica is nearly identical to what we actually discovered in 1958, as a part of International Geophysical Year. In this case, a comprehensive seismic survey

of the "subglacial topography" of Antarctica was conducted. And indeed, the separation between the landmasses, shown in the Buache map as a waterway, is in almost exactly the same place. Both the smaller and larger landmass in the Buache map are very closely approximated by the findings of the scientists in 1958.

So obviously, this is a highly interesting phenomenon, and it goes hand in hand with the work of Carl Munck. Hapgood's work, which again caught the academic interest of Einstein, provides the foundation for understanding why the Ancients would have known the global coordinates as exactly as they did. We now come back to Ivan P. Sanderson, who also studied Hapgood's work and was mystified by these incredible pieces of evidence. Sanderson sought to figure out how these ancient mapmakers were able to plan out a full, global map. What type of models would they need to have in order to do something like this, and use it? How did they divide the Earth's surface up into measurable units? And furthermore, was there anything that was physically observable and measurable in the vastness of Earth's oceans, so that these mapmakers would actually know where they were in the middle of the sea?

Sanderson worked on this puzzle with several associates throughout the 60s and into the 70s. He tackled huge volumes of data, mostly from anomalous reports declared by hundreds of pilots and mariners, and systematically organized them. His results proved beyond a shadow of a doubt that some very interesting anomalies were visible in certain areas of the Earth's oceans. These anomalies are all very familiar to us, as being those commonly reported in the Bermuda Triangle. This was certainly one vortex that interested Sanderson immensely, although there were other areas that were much more neglected as well.

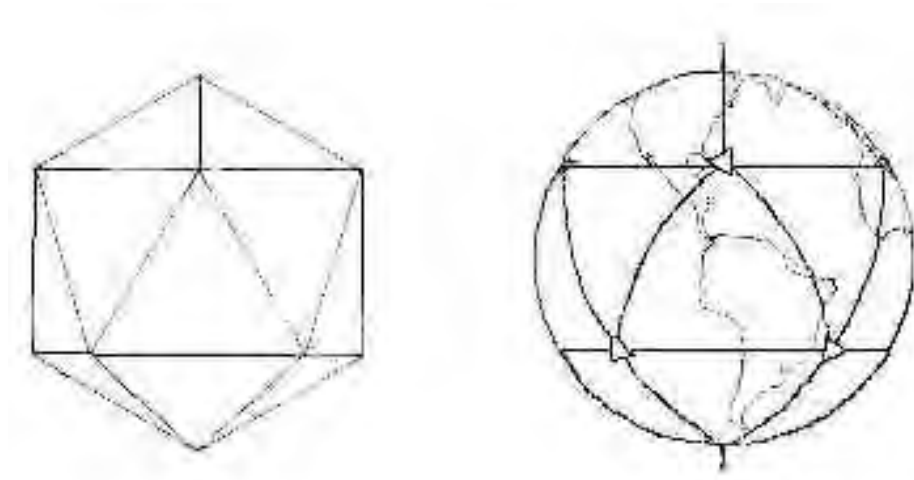
Using statistical analysis to crunch all the data together, concerning all the different places where these events occurred on the globe, Sanderson was able to derive twelve common points of anomalous occurrence on the Earth. Amazingly, these twelve points were all equally, harmonically spaced from each other! The effects of these "vile vortices," as he called them, included not only disappearances but apparently time-warping events as well. Many of these were recorded in books such as Charles Berlitz's *The Bermuda Triangle*, but Sanderson found evidence for these time-space disturbances in the other vortices as well, not just by Bermuda.

For example, one of Sanderson's vortices was located near Hawaii. He found a report of a pilot, flying with passengers very near this zone, who suddenly lost all of his instruments as well as radio communications. This is called a "dead zone," or "flying blind," with no ability to radio for help or to determine altitude, position, et cetera, except by "eyeballing" it. The pilot continued to fly for roughly 350 miles in this "dead zone," without being able to connect with anyone on the radio; anywhere from 30 minutes to an hour, depending on his speed. Finally, the bizarre experience came to an end, and he was very relieved to be able to get in touch with the tower yet again. We can imagine the panic and astonishment that must have been in his voice, narrowly avoiding danger and wondering what the heck had just happened.

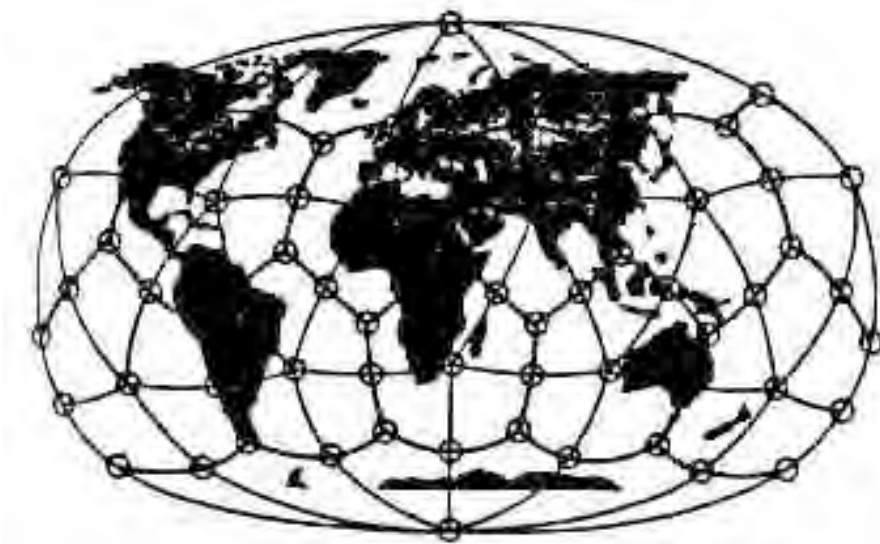
What was so amazing and unexpected was that according to the tower officials, no time had elapsed between his radio contacts! In other words, at one moment he was speaking to them normally, and ten seconds later he was

in a panic, telling them that he had flown 350 miles without any instruments! As amazing as it must seem to our "common sense," all passengers aboard this aircraft must have passed into a higher dimensional frequency, where they were not affected by time. The cause of this effect was the hyperdimensional energy that was harnessed by the "vile vortex" they were flying through.

By now, the reader should not be surprised when we restate that Sanderson's twelve symmetrically spaced vortices do indeed graph out one of the Platonic solids, namely the icosahedron. This is indicated in the following illustration from Nicholas R. Nelson's book *Paradox* (Dorrance & Co., Ardmore, Penn. 1980,) reprinted in David Hatcher Childress' book, *Anti-Gravity and the World Grid* (Adventures Unlimited Press, Box 74, Kempton, Illinois 60946: 1987, 1995.) (We digitally altered the image to preserve its simplicity in this small format.)



Sanderson's popular work certainly ignited a firestorm of interest worldwide. The problem was quickly picked up and tackled by a group of three Russian scientists: Nikolai Goncharov, a Muscovite historian, Vyacheslav Morozov, a construction engineer and Valery Makarov, an electronics specialist. These three scientists worked directly off of Sanderson's research, and the twelve points of the icosahedron were placed in almost the exact same location. But, these scientists also added 50 more points, by superimposing a dodecahedron onto the Grid as well. Their results produced the following map, first printed in the popular Soviet science journal *Khimiyai Zhizn*, (or *Chemistry and Life*,) reproduced in *Anti-Gravity and the World Grid*:



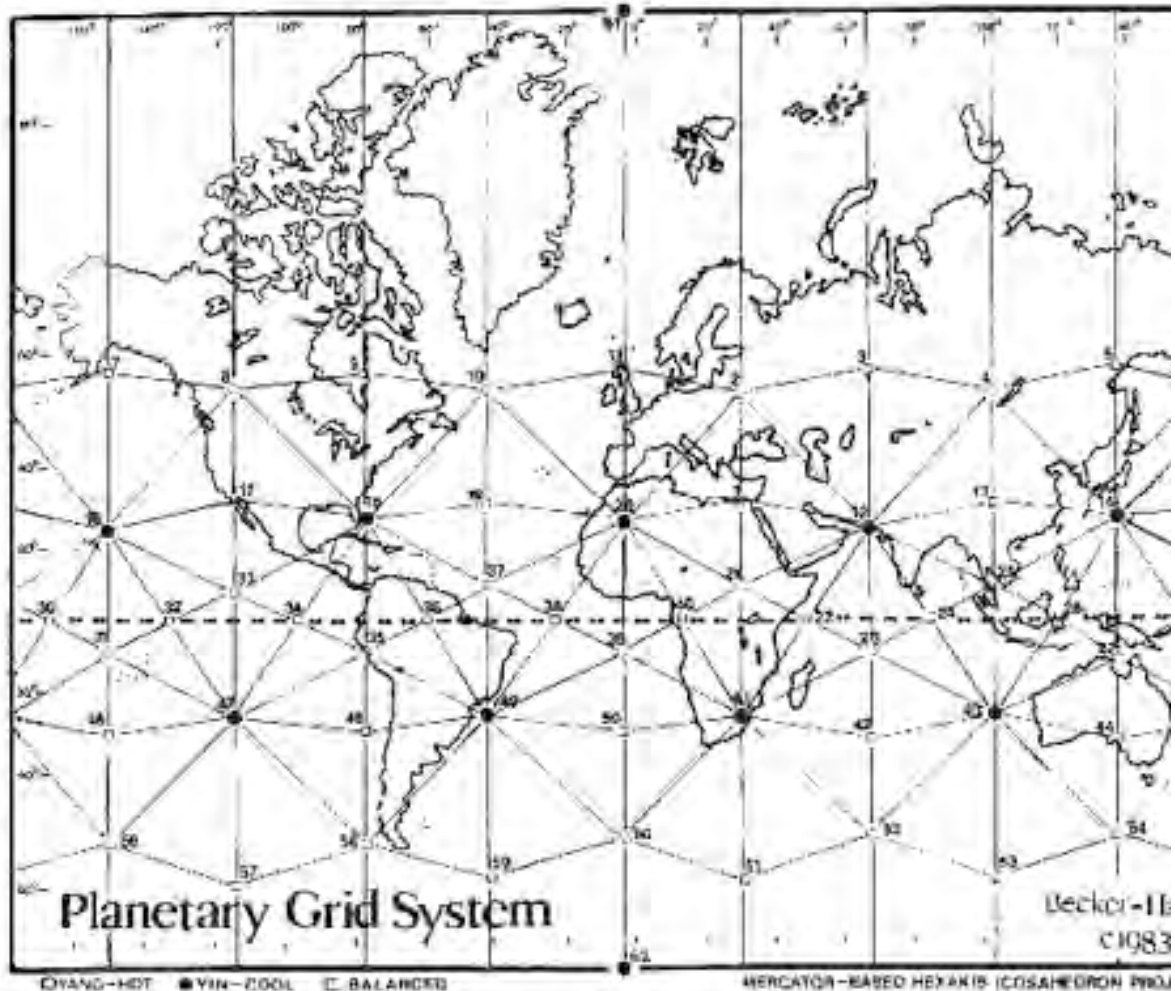
These three scientists worked off of their combined talents to determine this "matrix of cosmic energy" that encircles the Earth. With this new formulation of the Global Grid, Becker and Hagens write:

"These new lines and points, in conjunction with Sanderson's, now matched most of the earth's seismic fracture zones and ocean ridge lines as well as outlined worldwide atmospheric highs and lows, paths of migratory animals, gravitational anomalies, and even the sites of ancient cities."

Becker and Hagens' attention was drawn to this research through the work of Chris Bird, who wrote his article on the "Planetary Grid" in the *New Age Journal* of May 1975. They were so overwhelmed with this new information that they eventually set up a meeting with him to discuss the work. Soon after this, they "completed" the Grid, making it compatible with all the Platonic Solids, by inserting a creation from Buckminster Fuller's work. In the following quote, they explain in precise terms exactly what they did:

"We propose that the planetary grid map outlined by the Russian team Goncharov, Morozov and Makarov is essentially correct, with its overall organization anchored to the north and south axial poles and the Great Pyramid at Gizeh. The Russian map, however, lacks completeness, in our opinion, which can be accomplished by the overlaying of a complex, icosahedrally-derived, spherical polyhedron developed by R. Buckminster Fuller. In his book *Synergetics 2*, he called it the "Composite of Primary and Secondary Icosahedron Great Circle Sets." We have shortened that to Unified Vector Geometry (UVG) 120 sphere... We use the number 120 due to its easy comprehension as a spherical polyhedron with 120 identical triangles - all approximately 30, 60 and 90 in composition."

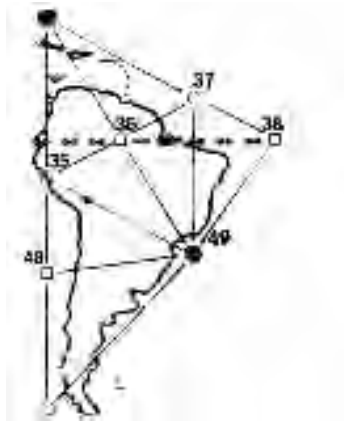
And now, the moment we've all been waiting for: the Becker / Hagens grid, which finally "cracked the code" of the Platonic Solids' positions on Earth. Right away, you should be able to see the amazing correspondences of this Grid to the physical forms of the continents, among other things.



The following credits need to be given when reprinting this photo:

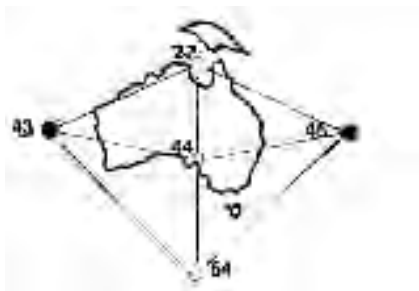
The Planetary Grid System shown [here] was inspired by an original article by Christopher Bird, "Planetary Grid," published in *New Age Journal* #5, May 1975, pp. 36-41. The hexakis icosahedron grid, coordinate calculations, and point classification system are the original research of Bethe Hagens and William S. Becker. These materials are distributed with permission of the authors by Conservative Technology Intl. in cooperation with Governors State University, Division of Intercultural Studies, University Park, Illinois 60466 312/534-5000 x2455. This map may be reproduced if they are distributed without charge and if acknowledgement is given to Governors State University (address included) and Mr. Bird.

It becomes immediately obvious that this Grid indeed controls the positioning of continental landmass on the Earth. Our favorite examples, both of which combine "nodes" and force lines, are South America and Australia. In the picture to follow on the next page, we can clearly see the detail that reveals the precision of the structuring of Earth that is occurring from this interplay of



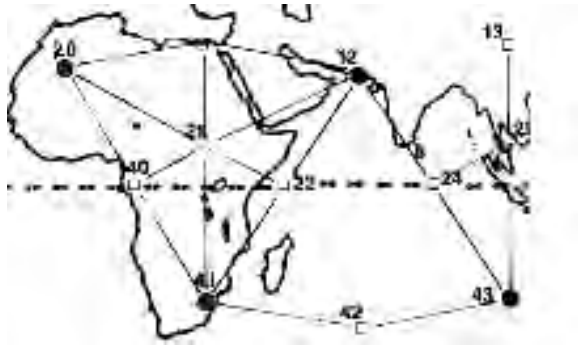
Grid forces:

So, it should be visible to "those with eyes to see" that the Global Grid is very obviously shaping these land structures. If you look at South America, for example, you can see the extremely obvious effect of this particular "grid triangle," in literally forming the continent around itself. In looking at the southernmost tip of South America, you can see how the force of node number 58 pushes the land away from its due south trend and towards the east. Then, if you look at node 49, on the middle of the East Coast of South America near Rio de Janeiro, you can clearly see how the force of the node has pushed the landmass of the continent into a rounded shape.



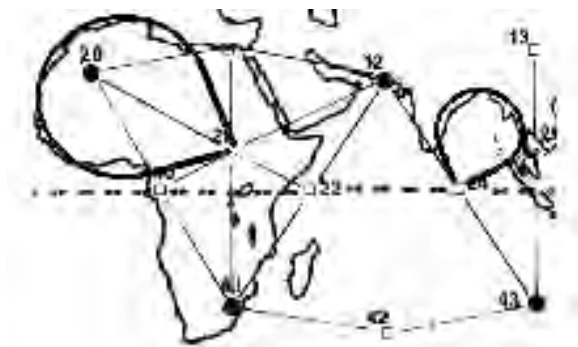
Then, looking at Australia, you can clearly see that the whole continent, and especially the northwest side, forms very precisely within the stretching forces of this area of the Global Grid. Here, if we look to the exact north and middle of Australia on point 27, we see a circular "node point" displacing the land around it and forming the Gulf of Carpentaria. Again, the nodes themselves have shaped the land into circular "vortices," repelling the continental mass from themselves and in this case, also shaping the outline of the island directly above Australia. These circular forms, as we shall continue to see, are consistently visible in conjunction with the Global Grid. We saw them in Egypt on our chapter regarding Carl Munck, forming the Nile River coastline on the Mediterranean.

Also, node 44 is precisely aligned with the bottom of Antarctica, and we see either edge "drooping" to the right or the left from this. According to Richard Lefors Clark, this is the "bowtie" energetic configuration showing itself in the Australian landmass, which he calls a "diamagnetic energy vortex." We will examine how such a shape could be formed by the curved, spiraling energies that make up the grid below. Clark also shows us that the Gulf of Mexico follows this same curving energetic organization, as well as the two coastlines of the continental United States.



Next, look at Africa, and see the combined action of two larger triangles, one with the point facing downwards on the African continent and its neighbor pointing upwards, girding the Indian Sea:

The downward-pointing triangle certainly describes Africa well, and the extra land on the western side can be explained by the pressure coming from the Mid-Atlantic Ridge, which is almost precisely the same as the Atlantic grid line formed by points 10, 19, 37, 38, 39 and 50. The east coast of Africa and Saudi Arabia follow the eastern side of the triangle very nicely, on the grid line from point 41 to point 12.

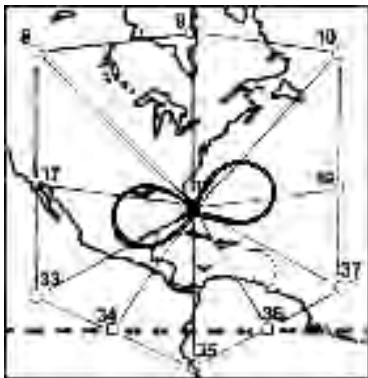


We can also see how node point 22 gently pushes in on Africa's east coast, causing it to dip inwards as it travels and forming the Somalia Basin. We can also assume that the "cracks" separating Africa and Saudi Arabia were caused by the expansion of the Grid, forcefully pulling the land into alignment. The "crack" to the immediate left of point 12 follows the grid line exactly. And finally, the upward-pointing triangle can be clearly seen to cut its way right into the land, with Africa's coast defining its left side and India's coast defining its right.

In the illustration above, we can see how point 21, in the center of the African continent, works with its above-right partner point 20 in providing a framework for the bow-shaped energy vortex that shaped the northeast coast of Africa. Point 20 is the only "vile vortex" that is significantly inland; 41, near South Africa, and 42, near India, are the only others that touch land at all! This is probably due to the incredible strength that they possess, which seems to repel landmasses. We can see how the northeast coast of Africa is indeed very circular, and point 20 is directly at the center of this "bowtie" of energy.

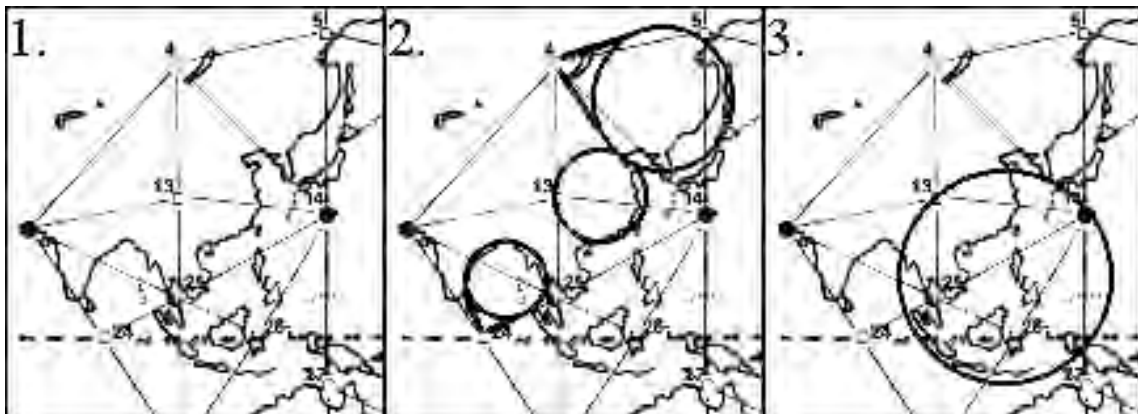
Again, we see Dr. Lefors Clark's bow-shaped "diamagnetic energy vortex" shaping the land in a smooth curve. We can also see the same curving formation created by the east coast of India and the west coast of the China / Korea / Vietnam area of Asia. This vortex is balanced between points 24 and 13. We remind ourselves that these smooth curves illustrate the spiraling nature of the superstrings that make up these geometric energy fields, here

expressed as spiraling lines of magnetic force.



Let us remind ourselves that Clark's primary example of this bowtie energy is that which occurs in the general area of the Bermuda Triangle, with its opposite pole forming the eastern coast of Mexico. According to Dr. Clark, the point at the center of the "bowtie" becomes a magnetic null zone of zero gravity when appropriately triggered by the right geometric positions of the Sun, Moon and Planets to the Earth. In those moments of conjunction, there is a "hyperdimensional bleed-through," and we then get time dilations, disappearances, gravity loss, levitation and other related phenomena.

In the next three pictures, the circular grid energy formations surrounding the east coast of China and surrounding area are easily seen.



So, we can see that when you know what you are looking for, and you have the Grid map, these formations cannot be hidden. In picture number 1, we have our straight grid map of China for comparison. Picture 2 has three circular vortices in it. We have already discussed the bottom left vortex in India and China. Then, the center vortex shapes the East Coast of China, based off of and emanating from point 13. The uppermost and largest vortex in Picture 2 shapes the entire Japanese and Russian archipelago, and is centered in and emanating from point 4.

Finally, in picture number 3 we have a vortex centered in Sanderson's "vile vortex" near Japan, the "Devil's Sea," here listed as point 14. This vortex is "equalized" by points 25 and 26, both of which are equidistant from the edge of the circle. And obviously, the Philippines precisely traces the bottom left of the circle itself. This is obviously a very strong vortex to be able to shape the land of the Philippines from where it stands. According to Becker and Hagens,

Another area of continuing disappearances and mysterious time-warps is the

Devil's Sea located east of Japan between Iwo Jima and Marcus Island. Here events have become so sinister that the Japanese government has officially designated the area a danger zone.

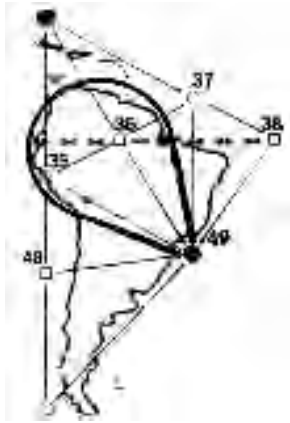
This area was significant enough to the work of Bermuda Triangle author Charles Berlitz that he wrote a whole book dedicated to it and the "bigger picture," entitled *The Devil's Triangle*. It is becoming more and more clear that our geometric shapes, expressed as the consciousness unit expanded to a planetary scale, are far more than abstract concepts of theoretical physics. What we have here are direct, quantifiable and measurable phenomena, and these geometry-based Grid patterns are simply the simplest, and therefore the best solution to the problem.

If the reader wishes to see more of the connections between the Becker / Hagens grid and the landmasses, simply stare at the map for a while and they start popping out. The reader will remember that in previous chapters, we showed the "grid bands" on the Earth and how their effects shaped the Ring of Fire, the flowing of the Nile River, the "node point" of the Egyptian northern coast centered in Giza, and the vertical structure of the Yucatan Peninsula. Now, with the full map of the Becker / Hagens grid, we can see a great deal more from the effect of these straight longitudinal lines.

As one example, by referring back to the main map, the reader can clearly see that the entire Eastern side of Hudson Bay in Canada precisely follows the line from 18 in Florida to 9 in the Bay to 61 at the North Pole. Furthermore, all of England is precisely within the line created by point 20 in Africa, through point 11 in England to point 61 at the North Pole. So, there are a variety of ways to see this energy at work on Earth. One can begin to visualize this Grid energy as a living net of "wires" that are tightly stretched over a thin balloon. It is obvious to us that what we think of as randomly placed continents are actually conforming to this massive energy.

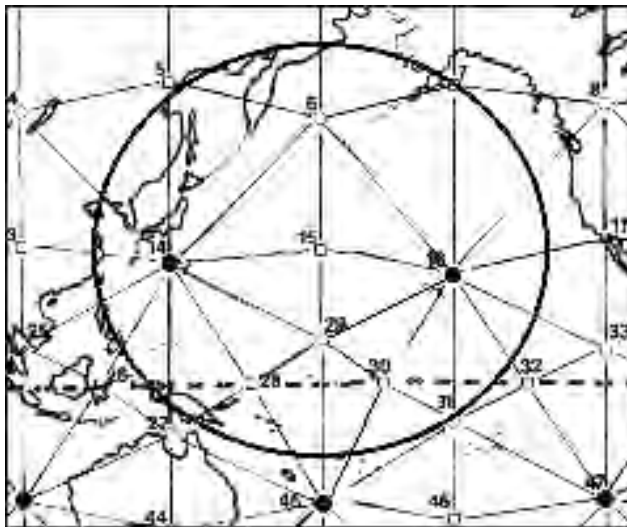
As we look at the different diagrams of how these geometric energies show up on Earth, we do indeed get a sense of the massive forces that are involved with this Grid. We know that gravity is not the full extent of these forces, either, as they can be shown to have profound effects on human consciousness. Becker / Hagens explain how these Grid points also seem to attract large population centers. We have shown that a pyramid is actually a physical, crystalline structure that is built to be identical to our own native dimensional frequency of the octahedron, for the purposes of harnessing energy. The Wilcock reading in chapter 17 told us that the circle shape of stoneworks like Stonehenge and earthworks like the Mound Builders' creations in Florida also work to harmonize with this upward-spiraling Earth energy.

Again getting back to our discussion of Dr. Clark's information, we can look back to the South American landmass. Not only does it fit perfectly within our "Grid Triangle," but we can see yet another example of this circular, "bowtie-shaped" energy at work in the actual shaping of the landmass itself.



This "bowtie" is nearly centered within the diamond that is formed between points 18, 35, 37 and 49. We already saw the African "vile vortex" shaping a similarly large "bowtie" in the above diagrams. The offset of the South American landmass from being precisely within this "diamond" again could be accounted for by the pushing of the Mid-Atlantic Ridge, which follows the lines of the Global Grid with amazing precision. Looking back to the Becker / Hagens map, it is quite easy for us to see how this line clearly demarcates the separation between the continents, just as the Mid-Atlantic Ridge is the point of expansion between the two continental plates.

We have just examined the circular energy formations caused by the Grid in the Asian area of the Pacific Ocean. And here, we can see what happens when we draw an even greater "great circle," based strictly on the island formations in the Philippines area of the Asian Pacific.



Here we can see that an elliptical-shaped gravity field is clearly visible when the center is placed directly in node 15. If we use any standard image editing program and "drag out" an ellipse using point 15 as a center, we can indeed align it precisely with the island formations to the far west of our diagram. We can try other center points besides 15, but the ellipse will not fit anywhere else as precisely as it does right at that spot.

Right away, we should see that this very large energy vortex seems to provide the clearest Grid counterpart for the existence of the Ring of Fire, which is a ring of volcanoes and tectonic activity surrounding the Pacific Ocean. When we look at this "grid ring" carefully, we can see that it represents the perfect fusion between the Earth's landmasses and the Global

Grid. Going clockwise from the 12:00 point, the ring will perfectly touch a "square" of grid points, as 7, 31, 27 and 5. (Node point 27, near Australia, is the only one that isn't touched exactly, and this is probably due to distortions in the map projection.)

We can also see that this ellipse is well defined by points 14 and 16, again Sanderson's powerful "vile vortices," the points of the icosahedron. We have already seen how the gravitational force of these "vortices" was able to shape the entire upper Western half of Africa into an elegant, circular shape. Now, we are seeing two of these vortices working together to form an even larger shape. The ring forms part of the East Coast of China, as well as a good part of the upper Russian coastline surrounding node 5. It also defines part of the southern coastline of Alaska.

Perhaps most interesting of all is that the combination of forces that are demonstrating themselves in this map look very familiar to a microscopic formation in nature. Take another look and you will see it... Cell Mitosis! We can certainly see that Mother Earth is giving all Her secrets away, right in front of our very eyes, if only we understand Her Grid. The grid points 14 and 16 would be akin to the two poles of the dividing cell. The gridlines provide us with a simplified depiction of the "spindle fibers" that form in cell mitosis. The actual ring of energy that is created forms a precise analog of the nuclear membrane of the cell, as it continues its expanding, elliptical process of division.

If this is interesting, it becomes even more interesting when we look at page 31 of Robert Lawlor's book Sacred Geometry. There, he has printed a diagram showing the eight stages of cell mitosis. Eight is the number of the octave, hence Lawlor's quote:

From one cell to two there is a cycle of change, in eight phases with seven intervals, analogous to the musical octave, or the spectrum of light. Seven symbolizes such cycle; the lunar month, a perfect example of graduated phases within a continuous process, is dominated by seven and its multiples... The functional pattern of the human nervous system is also sevenfold...

In other words, we can see a very direct analog of the "consciousness unit" yet again in the cell; a process of division with eight stages in seven intervals. The human nervous system, as Lawlor explains in his book, also shows us this octave structure. Now, we can see the Grid counterpart to this, which occurs through hyperdimensional geometry that is octave-based.

So, you might be wondering, what does this mean? Why does it matter if there is an octave pattern in cell mitosis or the human nervous system? We can look back upon previous chapters and see all the clues. Sources such as the Cayce Readings and the Ra Material tell us that we live in an octave-based, eight-dimensional universe. We then observed the world of cutting-edge, modern "superstring theory" physics and discovered that with one slight adjustment, they have discovered the same thing. Srinivasa Ramanujan's divinely inspired 'modular functions' are all octave-based.

We have cited numerous spiritual works that tell us that the One originated as Pure White Light, and fragmented down into the octave or spectrum of frequencies or dimensions. Each discrete interval represented a different

aspect of this Wholeness. We know from basic intuition, as well as sources like the Ra Material, that Nature will provide us with physical metaphors to explain the metaphysical. Look at the structure of the seashell and its depiction of the phi spiral, for example. In Lawlor's book *Sacred Geometry*, we can also see numerous examples of the Renaissance scientists making clear connections between these harmonic ratios and the proportions of the human body. As we continue to explore these issues, we can indeed see what transcendental significance the human body actually has, built directly into its design. Or, as the saying goes, "Man is the measure of all things."

We can now see that the cell division is another natural example of these sacred, octave-based mathematical principles showing up in the physical universe. The original cell would represent the sphere, or the first note of the octave. There are then seven stages, or frequencies, that cause cell division to form. Then, at the final stage, the eighth, we now have two cells, and the division is complete- the original form has again emerged, only now having produced a precise copy of itself.

This also is akin to the octave structure in the atom, where each electron that is released puts the atom through different isotopic stages. Once you break the "octave" threshold, the atom metamorphoses into the next element in the Periodic Table. In other words, this process of energetic expansion, emerging from the central core, or nucleus, or Sun, produces an evolution in the actual form of its entire structure. This is the way that all consciousness units operate, whether it is sub-microscopic, atomic, cellular, planetary or even Solar System-wide.

We know that the system of geometry for the CU is also harmonic and octave-based, and thus we see these Platonic forms emerging in minerals, in the organization of cells in a developing zygote, and in the planetary grids themselves. We also know that these frequencies are governed by very simple, harmonic numbers. These numbers show up when we measure the vibrations of sound frequencies in air. Therefore, when we see these same frequency numbers for the CU emerging in the Great Sunspot Cycle in later chapters, we can see that a similar division and enhancement is occurring in our Solar System as a part of this fundamental, interweaving system of energetics. This is yet again another reason to see why we are so quickly heading into a spontaneous dimensional shift here on Earth, or the Single Greatest Moment of All Time.

CHAPTER 13: THE MATHEMATICAL PHYSICS OF THE SPIRAL IN THE CONSCIOUSNESS UNITS

In this chapter, we find the quintessential link between the three-dimensional geometries of the CU and the harmonic, mathematical "frequency numbers" of the Octave.

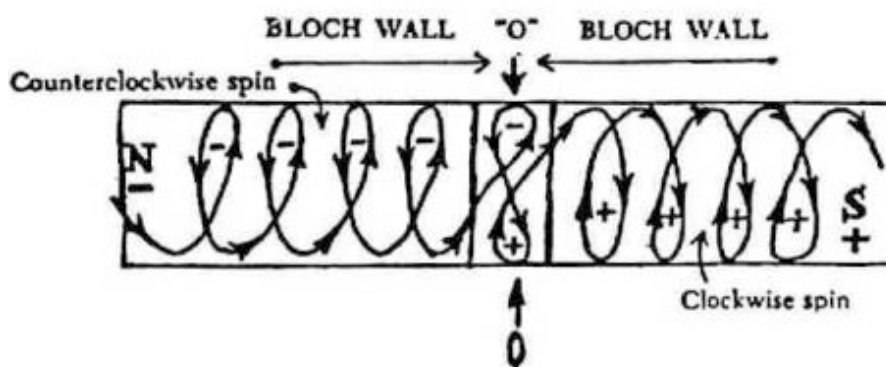
This link comes to us through the work of Mr. Carl Munck. We will see how Munck discovers that all of the "Gematrian" frequency numbers that indicate sound vibrations have only two commonly shared tangents.

He then shows how the Speed of Light, in seconds, is a precise function of these same two tangents. This gives us a solid background upon which to establish a fundamental mathematical connection between light, sound and geometry, adding great weight to the reality of this theory, and therefore the reality of Ascension as well.

CHAPTER 13: THE MATHEMATICAL PHYSICS OF THE SPIRAL IN THE CONSCIOUSNESS UNITS

Part One: So what is a Diamagnetic Vortex, Anyway?

Since we have been looking at Dr. Richard Lefors Clark's "bowtie" shaped vortices in great detail, it is important for us at this point to make mention of Dr. Clark's theories of diamagnetism and magnetic null zones. After all, the Wilcock reading in Chapter 17 suggested that these energy forces had a lot to do with the siting of ancient monuments. This was given as the "answer" that would rectify the positioning of certain stone and earthworks in Munck's system with a mappable, planet-wide grid system. According to Dr. Clark, the newest advances in the science of magnetism have shown that there is a positive / negative polarity reversal that occurs in the center of a magnetic field (see below diagram.)



It is at this point, called a "Bloch Wall," where the spiraling energies of the north pole meet the spiraling energies of the south pole, and they overlap. At the overlap point, we get the "bowtie" shape that we see on Earth in the above examples. The point of magnetic flow reversal, or the "Bloch Wall," creates what we now term as anti-gravity, nulling its effects and / or changing its direction. Dr. Clark shows in *Anti-Gravity and the World Grid* how magnetic scientists have actually studied and measured this "Bloch Wall" phenomenon using electromagnets.

As we look at the above illustration, we should keep in mind that the lines on

the Global Grid provide the organization for these spinning magnetic fields. In other words, the lines on the Grid are flowing like rivers, due to the spiraling nature of the energies that make them up. And thus, if we look back to the diagram of the Bermuda Triangle vortex, we can see that the north-south vertical line that intersects Grid Point 18 next to Florida would be the "organizer" for the magnetic energy flows. Then, the magnetic polarity will reverse at the exact center of the bow-shaped area. It is here that we will get our "Bloch Wall" effect produced, then causing the Bermuda Triangle anomalies, as well as providing exceptional spiritual energy. It is no surprise that many people will want to go to Florida to retire - the youthful energy explodes in abundance there!

If it were truly possible that the Earth's magnetic field could produce such spirals of energy, then we should expect there to be places where it would be very evidential that something anomalous was occurring. Certainly Sanderson's work on the "vile vortices" like the Bermuda Triangle satisfies this, as does Munck's mention of the anomalies surrounding Rock Lake in Wisconsin. There is another area that also obviously falls under this effect, and that is the area known as the Oregon Vortex.

William Childress featured the Oregon Vortex in an article for the industrial newsmagazine "Compressed Air," which has been circulating in print for over 100 years. As this is a reputable, mainstream scientific journal, it would be unlikely for them to print a study that was considered to be "fringe" science. Instead, it appears that their investigation of this vortex came from a genuine interest in trying to uncover and understand anomalous Earth phenomena.

Childress' article starts out by describing the most crowd-pleasing feature in the Oregon Vortex / House of Mystery. A 100-year old shack was built over the vortex, and within this shack, a broom is "standing rigidly straight in the middle of the room, untouched by anyone or anything, as if it were a spear stuck in the middle of the floor." The record time for the broom to remain standing, according to those who run the House of Mystery, is 36 hours! Again, we see the harmonic numbers emerging, this time in the number of hours involved. In another area of the House of Mystery, a golf ball is placed at the bottom of a trough, and it will roll uphill when released. On the "Superman Platform," a person can lean very far forward without falling, and thus appear to look like Superman in flight.

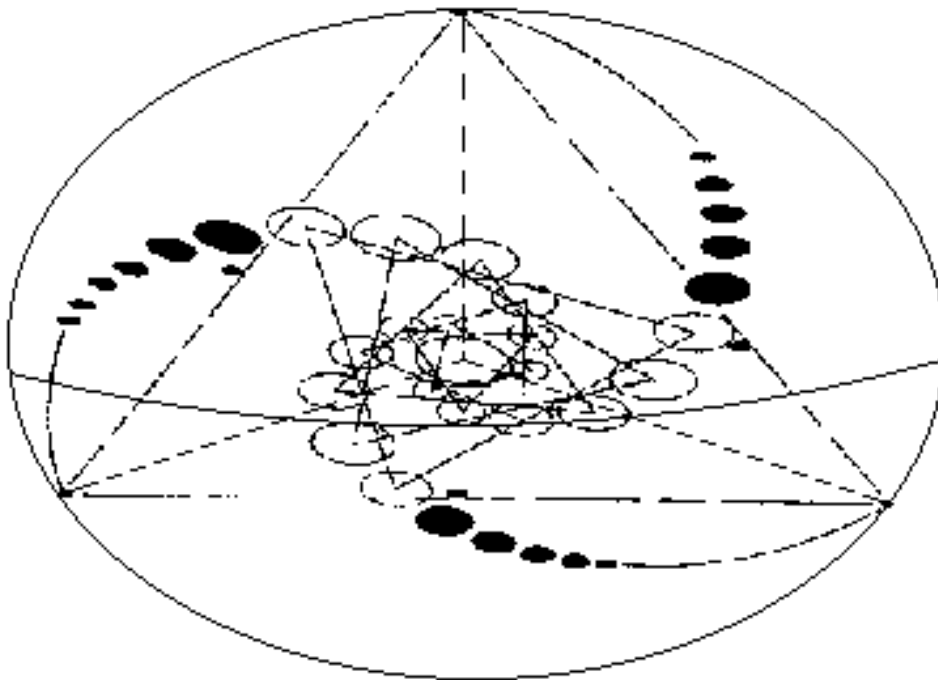
Other stunts that are demonstrated at the Oregon Vortex include height discrepancies, where two similarly tall people will walk in opposite directions and have noticeable and opposite changes in their height. A similar effect is demonstrated when a long plank is placed across two seven-foot tall posts; on the south end, the plank appears to be higher by a good three inches. According to Childress, "in some way still not understood, a kind of "gravity warp" appears to make vertical objects taller or shorter as long as they are in the force field." If we think about this on a much larger scale, we can visualize the expansion and contraction of landmasses, producing the structures that we have been examining above.

What is actually most interesting to us is the effects that are reported at the area called the "Vortex Post." As Childress indicates, "people standing next to the post tend to sway in a circle like some bottom-weighted toy." From this piece of information, we can indeed see the spiraling nature of the

gravitational fields at work! Also notable is a passage in Charles Berlitz's Bermuda Triangle where there were reports cited of mariners encountering spiraling motions on their compass that became faster or slower depending on how close they were to the center of the vortex. At these certain times, the spiraling energy from the vortex was actually stronger than Magnetic North, and overtook the normal operation of the compass.

It is also interesting that the owners of the Oregon Vortex / House of Mystery do not permit video cameras. They did not explain to Childress why this was so, only stating that regular cameras were permitted. This falls perfectly in line with the Rock Lake information from Munck, and shows us that these vortices repetitively show their effects on electronics. We again remind the reader of the similar effects demonstrated by the UFOs in thousands of sighting reports. Anyone who wishes to actually go out and see the Oregon Vortex for themselves can contact them through the following information: Oregon Vortex / House of Mystery, 4303 Sardine Creek Road, Gold Hill, OR 97525, (541) 855-1543. The tours are open from April through October.

And so, with the addition of physical information to back up the diamagnetism theories of Dr. Richard Lefors Clark, we have to consider that there is more to the Global Grid than just straight lines. We have pieces of evidence like the bow-shaped structures of the landmasses indicated above, and now the spiraling, anomalous gravitational effects that can be seen in various spots. Although the above diagram of the diamagnetic field was drawn in two dimensions, Dr. Clark makes careful notice of the fact that these lines of force are indeed three-dimensional spirals. These spirals are very important to study, as they form the basis for all of the Platonic Solids that we have spent so much time discussing. And looking in again on the extended version of the "Triple Julia Set" formation from 1996, this can clearly be seen:



Part Two:

Simple, Harmonic Relationships

In earlier chapters, we discussed how these universal spirals of energy

generally fall into two main categories; namely, the square root of 2 and phi. One of our postulates is that Nature, or the physical world that we can see, will show us all of the secrets in the metaphysical world. Therefore, these spirals are not only simple mathematical concepts in our own dimension; they reach their fruition in the functions of the dimensions. Now that we can see these spirals in action, mapped out for us by the Global Magnetic Grid and its effect on the shapes of continents, we can explore how each of the Platonic Solids "fit in" to these spirals.

As is written in Robert Lawlor's book Sacred Geometry, the Platonic Solids are in a "simple harmonic relationship" to each other. As we can see in Table II below, that simple relationship is expressed in terms of phi and the square root of 2 in spiral form. Lawlor gives us a complete breakdown of the Hindu "spectrum" of shapes, with the harmonic proportions for each one of them. The measurements listed are comparisons of the length of each side of the Platonic Solids. Since every line on any Platonic Solid will be the same length, these measurements are the universal standard for each shape.

1.
Sphere
[no edges]
2.
Central Icosahedron
 $1 / \phi^2$
3.
Octahedron
 $1 / \sqrt{2}$
4.
Star Tetrahedron
 $\sqrt{2}$
5.
Cube
1
6.
Dodecahedron
 $1 / \phi$
7.
Icosahedron
Phi
8.
Sphere
[no edges]

Table II. Harmonic Proportions of Platonic Solids.

In order for these proportions to be established, the researcher must determine where the "1" is going to be. We must remember the simple fact that if you have a square, and each side has a length unit of 1, the diagonals will measure out to the square root of two. Similarly, if you assign a unit value of 1 to the diameter of a circle, the circumference will measure out to pi, or 3.14159 units. In order to compare the Platonic Solids to each other, we also need to assign a straight value of 1 to the sides of one of the shapes. In order to have the basic harmonics work out simply and perfectly, the value of 1 needs to be assigned to the length of the side of the cube. All other proportions as indicated above represent the exact numerical value that we

receive when comparing their lengths against the cube.

As we are on the subject of phi, it is also interesting to point out here that the "solar number" of 666 and the "lunar number" of 1080 also express the phi ratio when divided into each other. John Michell's work shows how many ancient monuments used these proportions, and we also see it in nature as well, being the harmonic relationship between such things as the size of planets. Since phi seems to be of such penultimate importance, we can see yet another reason for why the Hindus ascribed such religious significance to Purusha, or the icosahedron.

Now that we can see the actual mathematical structure of the spiraling energy that makes up the CU, we no longer need to wonder about whether they are, in fact, crystallized frequencies. We have seen it on the planetary level, and now we can see it on a mathematical level as well. Hoagland's team made the connection between these geometric shapes and the frequencies of the dimensions, and many might wonder exactly how he did that. The answer to that question actually helps us even more in understanding the true physics behind these harmonic, geometric shapes.

On his website, Hoagland has printed an early essay that he composed on hyperdimensional physics back in 1989. In this essay we have the clearest picture of how the Enterprise Mission team tied together the physics of higher dimensions with the abstract concept of Platonic geometry. This article is also located at www.lunaranomalies.com/Message.htm.

The "Message of Cydonia"

First Communication from an Extraterrestrial Civilization?

By Richard C. Hoagland and Erol O. Torun

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[We are only going to reprint the part of this article that directly concerns us here.]

...If in the "Cydonia tetrahedral mathematics" we are truly seeing the deliberate communication of demonstrable astrophysical effects of a long-sought "Unified Field Theory," this in itself would be remarkable confirmation of current efforts to discover such fundamental mathematical connections between Nature's elemental forces. For, most provocative: one leading mathematical approach to successfully modeling such connections is essentially based on a tetrahedral model, and a resulting mathematical expansion into "higher-dimensional, n-space relationships" (recently discovered) between the five Platonic solids (Sirag, 1989).

It is very important to note here that Mr. Saul-Paul Sirag, referenced below, has referred to ALL of the Platonic Solids in his model of "higher dimensions," not just the tetrahedron. The work of Tony Smith also built upon Sirag's geometric models, and a direct reference to Sirag's work is made on Smith's website.

In particular, these studies relate tetrahedral geometry as being topologically equivalent to three-toruses -- tori extending into "one more dimension than

our familiar three." [Many current efforts in pursuit of "unified field models," such as the much-acclaimed "super-string theory," routinely involve up to ten mathematical dimensions. Some more recent theories are exploring twenty-six (Sirag, *ibid*).]

As we have already stated in previous chapters, by breaking the "symmetry" of the strings in Superstring Theory, we arrive at an octave-based, 8 or 24 (8 x 3) - dimensional universe. This lines up with Srinivasa Ramanujan's "modular functions."

Phrased in simple terms:

The routine mathematical representation of vorticular flow in more than three dimensions -- a three-torus -- by means of three-dimensional tetrahedral models, opens up the possibility that the demonstrable geophysical effects of the "Cydonia tetrahedral message" are attempting to communicate the reality of additional dimensions (as opposed to mere mathematical abstractions) -- and the observable reality of vorticular energy flow between adjoining "n-spaces."

So, if we plug in our own discoveries in this chapter to what Hoagland and Torun have said here, and use the language that they expressed it with, Dr. Clark's bow-shaped "diamagnetic energy vortices" would be another physical example of "the observable reality of vorticular energy flow between adjoining "n-spaces."" Hoagland's hyperdimensional physics asks us to visualize the spiraling energies making up the shapes themselves as being connected together to form a three-torus, which really is nothing more than what you would see if you removed the tetrahedron from the intersecting, spiraling lines that formed it. When a number is assigned to a torus as in this case, it refers to how many visible "sides" the curving line produces. Thus, a three-torus is essentially like a triangular knot in its appearance.

Such totally unexpected (to non-specialists) and remarkable mathematical correlations -- between as yet unpublished theoretical work into Unified Field Models, and the specific tetrahedral geometry apparently intended at Cydonia -- gives added confidence that such a linkage was in fact intended. If so, there may be an additional confirmation of such a radical "Cydonia Unified Field Model"--

In the continuing, puzzling departure of some celestial objects from strict "Newtonian" mechanics.

And now, we check in on the References section to get a clearer picture on Mr. Saul-Paul Sirag:

References:

Mr. Saul-Paul Sirag, for furnishing important references linking tetrahedral mathematics with "two and three-torus topologies," and for providing examples from his own research of not only Schuster's Hypothesis as potentially applicable to a Unified Field Model --but for specifically referencing tetrahedral mathematical topology and the Platonic Solids as directly applicable; and finally, Mr. Stan Tenen (The Meru Foundation), for introducing us to Saul-Paul Sirag, for furnishing examples of his own research into the

historical importance of the Platonic Solids (tetrahedra, in particular), and for valued general discussion of some of the more controversial aspects of our work.

[Note: Schuster's Hypothesis relates to more recent published material from The Enterprise Mission regarding the energetic flow between bodies in the Solar System.]

It is important to point out here that the work of Stan Tenen, often referred to by Hoagland, gives us yet another layer of depth to explore in these matters. Tenen has discovered that the Torah, or the section of the Old Testament that was apparently dictated to Moses by God, has precisely encoded the formulae for constructing the Platonic Solids in its passages. From this same Biblical scripture we also see the bizarre synchronicities that emerge with apparent mathematical certainty in the work of The Bible Code, explained in the book by Michael Drosnin of the same title.

(The Bible Code appears to have given us written prophecies of events 2000+ years in the future, in our own modern era. Drosnin's biggest "claim to fame" with the Bible Code was the precise prediction of the assassination of Israeli Prime Minister Yitzhak Rabin. The perfection of the mathematics involved in this, and the fact that it does not show up in any other books of the Bible, has excited mathematicians worldwide. It obviously helps strengthen the faith of Hebrews in the Torah as well!)

The work of Stan Tenen, showing us the mathematical encoding of the Platonic Solids within sacred text, gives us yet another interesting clue as to how the physical fundamentals of Universal Law and hyperdimensional physics were preserved as knowledge for us to use by Higher Intelligence. Obviously, Tenen's work is another major area of inquiry, and we leave it up to our readers to investigate the Meru Foundation on their own at the Meru website.

The one point that we need to mention here is that Tenen's work also shows us a very interesting principle at work in the formation the Hebrew alphabet. Tenen explains that the Hebrew alphabetical characters represent different shadows of a single geometric figure. That single geometric figure is, believe it or not, a spiral shape contained within a tetrahedron! As amazing as it must seem, all we have to do is rotate the tetrahedron into different angular positions and then draw the shadows that result. All of the Hebrew letters will show up in a quite natural progression as a result of doing this.

We remind ourselves that the science of Gematria also started out in the Hebrew language, giving each of these tetrahedral rotations, or alphabetical letters, a sequential number. The founders of this science seemed to have full awareness of the frequency numbers that underlie the dimensions, as well as their meanings. We remember as one example that 144 was said to equal Light, and now we can see through the work of Bruce Cathie that light speed, in harmonic terms, is indeed 144. And now, we can see that the same authors of Gematria also knew of the Platonic Solids, as well as the fact that they have an inner, spiraling nature! The actual structure of the Hebrew alphabet was intended to show us this.

If we look back to the work of Carl Munck, we can see that the Ancients were very much concerned with the traditional English inch, foot and mile

measurement when building their sacred sites. The work of John Michell, which we have not explored in detail here, also shows very significant relationships of the Great Pyramid and Stonehenge to the inch / foot / mile system. We also remind the reader that the Sumerians gave us the Constant of Nineveh, and that it was a value expressed in seconds. We also remind the reader that the Speed of Light, in conventional terms, is also expressed in miles per second.

In the chapter on Bruce Cathie, we demonstrated how the harmonic of Light shows up precisely when we solve the Speed of Light for (x) minutes of arc per grid second. The value that we end up with is 144,000 minutes of arc per grid second for the speed of light in free space. This puts it into the simple harmonic terms that the Universe works off of, and that the minds of the ETs navigating our globe can understand. Now, we can see here that the values of miles and seconds are also important in harmonic terms as well, to the Atlanteans and their cohorts. So, we wonder to ourselves, could the Speed of Light also have harmonic significance when expressed in miles per second?

We do find that this is indeed the case. Not only that, but it ties in directly with the science of Gematria, which we have just been re-examining here. It also ties in with the work of Carl Munck, our pioneer archeocryptographer who discovered a universal coordinate system being used within all sacred sites worldwide. It also ties in with the fundamental, spiraling nature of the geometric forms that the authors of the Gematrian sciences were very much aware of.

Carl Munck was studying the Gematrian "frequency numbers," and started to notice that there was a definite mathematical redundancy to them. The redundancy came when he started calculating the tangents of each number, and found out that they were all the same! If we remember from trigonometry class in high school, the tangent function is used to measure the intersection between a straight line and the very edge of a circle. This also could obviously be the intersection of a straight line and a curve as well, thus mapping - you guessed it - a spiral. We now go directly into a reprint from Mason et al.'s Gematria page, which explains this point, and eventually tells us how these numbers harmonically tie into the Speed of Light, measured in miles per second. Here is Mason et al. to explain.

Carl figured a certain logic was demanded by these [Gematrian frequency] numbers, so he arranged them into two separate scales, organizing them by their tangents, and marking the numbers that came from the ancient systems with asterisks (*), and filling in the "blanks," with appropriate numbers, something like this:

+ 3.077683537

72*

252*

432*

612

792

- 3.077683537

108*
288*
468
648*
828

+ 0.726542528
36*
216*
396*
576*
756*

- 0.726542528
144*
324
504

684
864*

In the newsletter, Carl had a longer list of these numbers in vertical columns. He also drew in sine waves connecting the numbers, which seemed to be suggested by their logic. He noted the consistent differences between the various numbers in the top two rows of 36 and 144, such as $108 - 72 = 36$ and $252 - 108 = 144$. The differences between the bottom rows are 108 and 72, such as $144 - 36 = 108$; and $216 - 144 = 72$.

The suggestion of sine waves, Carl said, is very, very obvious. Did the ancients know about sine waves? Did they have oscilloscopes? Were they suggesting a certain frequency?

[Part Three:] A Frequency of Light

Carl was shocked when he multiplied the two Gematrian tangents:

$$3.077683537 \times 0.726542528 = 2.236067977$$

He knew that 2.236067977 is the square root of five!!!

That's the pyramid codex talking!", Carl says. He asks, "Why does the square root of five answer the sine waves of the Sacred Numbers? What was the reasoning behind it?... [The reasoning was that] the square root of five is itself a Tangent; the Tangent of 186234.09485, which is the speed of light in air!!!

Carl points out that the speed of light in a vacuum is 186282.5894 miles per

second, but when light travels through air, it is slowed down to 186234.09485 miles per second. Enter this speed-of-light-in-air number into your calculator, and then press the tangent key, to see that it is very close to the number arrived at by multiplying the two Gematrian tangents...

[Here we remind ourselves that the tangent is a mathematical function that can be used to map out a spiral. The Speed of Light has a tangent of the square root of five, and this in turn has a tangent that harmonically relates to ALL frequency numbers making up the light / sound / geometric structure of the Octave of dimensions. You simply multiply their two commonly shared tangents together to get this number.]

Carl concludes -

And there we have it, the reasoning behind the Sacred Numbers of Gematria, the same ones preserved in eastern metrology and western calendrical computing; square roots and tangents - all keyed to the terrestrial speed of light - and delivered through the pyramid codex in nearly the exact methodology they used in keying the earth's equatorial circumference to the cube root of double-pi when they built the Great Pyramid at Giza.

Munck's work quite well explains how the Great Pyramid was built to unify the Earth's circumference at the equator with the "constant" of the cube root of double pi, and it is also explained on Mason et al.'s Gematria page, from which this was excerpted.

No communications across ancient oceans? No prehistoric writing that makes any sense? Ignorant stone age progenitors? I'm afraid I'm not buying anymore, not when I can so easily find this kind of mathematical evidence to the contrary.

Someone back there had it all; maps of enviable accuracy, a complete knowledge of every inch of our planet, a thorough understanding of mathematics and, yes, even calculators and computers we take for granted today - because without such tools, they could never have put it all together. Why do I say that? Because the U.S. Geological Survey advises me that they have the only computer in the United States which is programmed to calculate accurate distances between widely separated points anywhere on the planet - which means - that before the ancients could have marked out the pyramid grid system, they required a computer of the same caliber!

And so, from this excerpt, we can see very clearly how Carl Munck has discovered a similar harmonic function for the Speed of Light in miles per second, as Cathie did in his own harmonic system. The most amazing point of all was not addressed by "The Code Gang" in this article, though, and that is the centering on the square root of five as being so important. What we see, when investigating Robert Lawlor's book Sacred Geometry, is that the internal measurements of all the Platonic Solids are a function of phi, square root of two, square root of three and square root of five. And so, the connection is obvious - the hidden mathematical properties of light reveal that it is traveling in a spiral formation, which is exactly what Ra tells us in the Law of One series. These spiraling lines or "superstrings" in the sea of energy known as the "aether" then form the framework for the different Platonic Solids.

Remember that we just showed above how the lengths of the sides of the Platonic Solids can all be expressed in terms of phi and the square root of two. However, a cube with a side length of 1 will have a diagonal of the square root of two on each of its faces, and if you draw a diagonal through the center of the cube between two points, its value is the square root of 3. In addition, when we measure the diameters of these shapes, and their harmonic relationships, one of the most important ratios of all is indeed the square root of five. In Lawlor's words,

The square root of five is the proportion which opens the way for the family of relationships called the Golden Proportion, [or the phi ratio.] The Golden Proportion generates a set of symbols which were used by the Platonic philosophers as a support for the ideal of divine or universal love. It is through the Golden Division that we can contemplate the fact that the Creator planted a regenerative seed which will lift the mortal realms of duality and confusion back towards the image of God.

So, the connection of the square root of five to the Platonic Solids is the fact that the phi ratio grows directly out of it. Now we can see from the work of Carl Munck that the Speed of Light is also directly a function of the square root of five, and furthermore that the square root of five is directly a function of the Gematrian Numbers.

This is the cornerstone that we have been waiting for. We have already expressed the harmonic link between these "perfect" harmonic numbers for the vibrations of sound in air. These "perfect" numbers only come about when we measure them against one second of time as we now have it. If our seconds were shorter, the harmonic ratios would still be preserved, but they would not be whole numbers any longer. It appears that the second of time that we now use from the Sumerians gives us perfectly round numbers for the vibrations of each note in the Octave. This alone suggests a high level of scientific knowledge that went into this apparently archaic system of measurement. That only further strengthens the case for why we will see in later chapters that they also formulated the Constant of Nineveh, a number that allows all planetary orbits to be quickly calculated, as being expressed by a value in seconds.

It is only with the second that we now use that these frequency numbers are all round and rational. And, that second of time is a precise harmonic breakdown of one Earth day of 24 hours of 60 minutes with 60 seconds each.

We know that the Gematrian Numbers are all based on the number 9 as a foundation. Cathie showed us that if you convert our time units from a ratio of 8 to a ratio of 9, at 27 "grid hours," then we have a measurement of "grid seconds" that shows us the harmonic "frequency number" of 144 as the Speed of Light in free space. We also see the "frequency numbers" coming out much clearer in the division of the number of Grid seconds per day.

So, in short, we now have a quite sufficient amount of scientific proof to show us that the Platonic solids are indeed a function of the mathematical expansion and contraction of curving superstrings in a spherical energy field, forming natural shapes such as what Hoagland would refer to as a "three-torus" when constructing a tetrahedron, for example. This same information regarding spiraling lines of light was revealed to us by Ra and other sources, and now

we have gone in and directly seen it mathematically. These superstrings travel at the speed of Light, and now with the work of Cathie and Munck we can see how the spirals themselves are functions of Light. The harmonic frequency numbers, expressed in Gematria, are completely woven into this "fabric" of space and time.

So, what we essentially have here is a bullet-proof mathematical design that incorporates all of these various points together. We can see how these consciousness units function in their "inward coalescing" capacity by their effects on a planetary energy field. Just as Ra told us that the consciousness units' inward expansion creates gravity, so too do we now see with the Becker / Hagens grid that gravity demonstrates in a quite literal fashion how these various Platonic shapes emerge. The actual lines of force created by the shapes have a direct effect on the shaping of continental landmass.

TETRAHEDRAL HARMONICS

Further information has now come our way regarding a direct mathematical connection between Platonic geometries and the harmonic number sequence. As we briefly mentioned before, at the end of a MUFON conference in 1997, Richard Hoagland gave a sneak-preview of unpublished research that revealed that the orbit of Mars had once been exactly 666 Martian days in length, which is a clear harmonic number. We already know that the Earth's orbit could well have been 360 days exactly at some point in the past, and that this might be one explanation for why we have used 360 degrees in a circle. So, Enterprise Mission associate Erol Torun decided to see what would happen if 666 degrees were used in a circle instead of 360. They already had a collection of all the significant angle relationships between the various sections of a tetrahedron circumscribed within a sphere, and with few exceptions these were decimal-point values. Hoagland revealed that when 666 degrees are used, all of these values become whole numbers!

In the table on the next page, we have demonstrated this with our own calculations, based on Hoagland's suggestion. The first column shows the tetrahedral angles in a 360-degree system, the second column shows what the exact figure must be to harmonize with a 666-degree system precisely, the third column shows the value in the 666 system and the fourth column indicates how "harmonic" the 666 value is.

360	Harmonic Val.	666	Y/N
4.0	3.783783783784	7	Y
19.5	19.45945945946	36	YYY
22.5	22.70270270271		

42
Y
34.7
34.59459459459
64
YY
45.0
45.40540540541
84
YY
49.6
49.72972972973
92
NNN
52.0
51.89189189189
96
YYY
55.3
55.13513513514
102
NNN
60.0
60.0
111
NN
69.4
69.18918918919
128
Y
85.3
85.40540540541
158
NNN
90.0
89.72972972973
166
NN
94
94.05405405405
174
N
184
183.7837837838
340
NA

As we can see from the chart, the more "Y's" there are, the more harmonic the number is, and the more N's there are the more non-harmonic the number is. If we look at the column of Y's and N's, we can see that a clear waveform is visible. [No information was available on our harmonics chart regarding the last number, hence the NA.] In order to truly see it well, we would have to graph the N's as indicating force points in the opposite direction. Therefore, it is very interesting for us to see that the true harmonics

of the tetrahedron shape appear to be a combination of very harmonic numbers and very non-harmonic numbers. In the cases where the N's emerge, there are very few numbers that divide into the number itself, and in the cases with many Y's the numbers are harmonic, meaning that they have a maximum number of divisors.

Considered together, this information reveals a tremendous amount. We now have solid mathematical proof from the Enterprise Mission that connects the angles of one of the main Platonic geometries (and almost certainly the others as well) to the harmonic number series. Furthermore, the singularly important "19.5" number, representing the most significant portion of the circumscribed tetrahedron, is the precise harmonic of the number 36, which is by far one of the most harmonic numbers of all. In the triangle-shaped "tetracys" from Pythagoras, there are 36 rows of dots starting with one dot at the top and ending with 36 dots at the bottom. Together, this forms a triangle, and it also represents a simple system of harmonic counting. When we summarize all the dots in the triangle together, we come to that same cornerstone 'solar' number, 666.

Therefore, as we look at harmonic numbers showing up in the Solar System in Part Three, we have more reason than ever to see that they can be directly connected with Platonic geometries. Even the speed of light itself appears to describe a harmonic spiral that Cathie equated with 144 in his harmonic time system based on a proportion of nine. But before we enter into our final discussion regarding time cycles, we will finish out our look at the history of this knowledge. By examining the trickle-down effect of Atlantean knowledge into past and present "secret societies," we can indeed trace how it was that literally all of the knowledge that we have been discussing was carefully preserved.

We will explore how it was that ancient peoples chased after these Grid energies one line at a time, through the amazing study of "ley lines" and how they emerge all over the planet. We will also explore an amazing twist to the story, by showing how a present-day secret society still exists which has never lost this knowledge. This secret society was responsible for the formation of the United States Government, and lent its hand quite directly in the building of the United Nations Meditation Room. We will show the amazing quality of this room, and suggest that it is indeed a hyperdimensional "machine," built on the premises of this carefully guarded secret knowledge that is gradually becoming available to the public.

CHAPTER 14: GREAT CYCLE, GLOBAL GRID AND MULTIDIMENSIONAL PHYSICS: THE HISTORICAL PERSPECTIVE

In this chapter we discuss the idea of secret societies having preserved knowledge from the time of Atlantis regarding these planetary cycles and grid formations, as well as the entire field of harmonic physics in general.

By examining little-known facts such as the United Nations Meditation Room mural and the symbols and writings on the obverse side of the Great Seal of the United States, we begin to see how these secret societies still persist, and apparently have a working knowledge of many of the principles we have explored in this book.

We then explore the work of one Dr. Scott, who may well have discovered a treasure trove of artifacts from Atlantis and is still waiting for the proper time to unveil these outrageous findings to the outside world.

CHAPTER 14: GREAT CYCLE, GLOBAL GRID AND MULTIDIMENSIONAL PHYSICS: THE HISTORICAL PERSPECTIVE

Our objective in chapter 12 was to show how the Becker / Hagens grid "cracks the code" of the planetary energy systems that we have been going through. We now can see quite clearly how the combined effects of all the dimensional frequencies and their geometric counterparts affect our physical sphere. In this grid, everyone is satisfied, from Hoagland and his tetrahedron to Cathie and his cube / octahedron, to Sanderson and his icosahedron and the Russians with their ico-sa / dodecahedron.

Now that we have seen beyond any reasonable doubt that this grid exists, it also makes sense that others would have known about it before. This would be especially true with the existence of an advanced technological society such as Atlantis or Lemuria. A whole new area of inquiry stems out of this, and it involves looking back to the past. These lines and vortices have powerful effects on human consciousness as well as gravity, and are capable of causing time-space dilations and spontaneous shifts in spiritual consciousness. Now, we will see that the people who lived around them put a lot of energy into determining their precise locations. With the proper constructions in place, the energies of these lines could be harnessed and utilized directly for effects such as levitation and planetary balancing as well as experiments in human consciousness.

So if the Ancients were keeping track of these lines in any form, how would we know about it? The most obvious answer would be that they would mark them and build on them, in order to keep track of where they were. These marks and sacred constructions occur along what is commonly referred to in Europe as "ley lines." The idea of "ley lines" throughout the European countryside is a very old one indeed, and there are hundreds, if not thousands of dolmens, menhirs, standing stones, earthworks and great stone circles in England, France and other areas, including Avebury and Stonehenge. What many people are not aware of is that these "ley lines" were also actually carved into the land itself.

Serious attempts were made those who were aware of these lines to make

them easier to follow. In the huge field of ley line research, covered well in John Michell's *The View Over Atlantis* and other works, we can see how ancient architects actually carved the lines as "dips" into the valleys and mountains so that you could sight them from far distances. They also erected standing stones to mark their passage. Invariably, places of worship would be built on these lines, and they were also used for their fertility in planting crops. Alfred Watkins, the modern "discoverer" of these ley lines, was privy to a trance vision where he stood on a mountaintop and was actually able to see these lines as luminous energies crisscrossing the Earth.

According to an article by Joseph Jochmans in *Atlantis Rising* magazine (Issue 7, Spring 96) entitled "Earth: A Crystal Planet," the case for human mapping of ley lines goes far beyond just the English countryside. Says Jochmans:

In Ireland they are remembered as fairy paths, and in Germany as holy lines. The Greeks knew them as the Sacred Roads of Hermes, while the ancient Egyptians regarded them as the Pathways of Min.

The Chinese today still measure the Lung Mei or dragon currents which affect the balance of the land, as practiced through the ancient art of Feng-shui. Much in the same fashion as the application of acupuncture needles in Chinese medicine helps the flow of Chi or life force in the human body, so the placement of pagodas, stones, trees, temples and houses in the environment was regarded as a way to heal the Earth.

Jochmans goes on to describe "dream paths" followed by Australian aborigines, and "te lapa" being observed by Polynesians as "lines of light" in the ocean that could be used for navigation! He then goes on to say the following:

[The Incan Empire organized itself into] wacas or sacred centers situated along ceque lines which all converged at the Coriconcha or Temple of the Sun in ancient Cuzco. Similarly, the Mayas of the Yucatan interconnected their pyramid-sanctuaries by means of Sacbes or raised white roadways that were built in dead-straight segments through the jungle swamps.

We can also note here that in William Becker and Bethe Hagens' article in *Anti-Gravity and the World Grid*, they make the comment that the Piri Reis map of 1513 has a series of lines that are practically identical to the current placement of the UVG 120 gridlines. In the book, they actually trace over the Piri Reis map to make this demonstration, and then take that portion of the grid and highlight it on the larger "Earth Star" grid as a whole. We remember that this map and others like it had to have been drawn up at a time when Antarctica had no ice; and thus, it is obvious that these ancient Atlantean mapmakers were well aware of the same Grid that we have been looking at. In Jochmans' article, it says that over 3,300 ancient sacred sites have been found along the lines of the Russians' icosadodeca grid that we mentioned above.

Slightly later in the article, Jochmans mentions the Hopi Elders describing the Earth surface as being similar to the back of a spotted fawn.

As the fawn grows, the spots move and change number. Similarly, every time the Earth Mother sings a new song or enters a new vibrational shift, Her power

centers also change to a new configuration, interconnected by a more complex sacred geometry.

Jochmans then describes the Buckminster Fuller-inspired experiments that we have already discussed, where a balloon submerged in dye and vibrated at certain frequencies will show distinctive "grid patterns." He then says,

When the frequency was turned higher the original dye points first quickly dissolved and then a greater number of dye points began to slowly form, joined by lines in a more complex configuration.

So, Jochmans is telling us that we can expect that the Grid itself to expand and metamorphose as a result of the higher-frequency planetary cycles that we are now involved with. In this book, we have attempted to show in quite some detail exactly how these cycles operate. But if the Grid really does expand from one form of geometric order to another, how could we ever know about it? Is it possible that we could find proof for this as well? You bet!

Jochmans' article is of vital interest to us, as he demonstrates unique pieces of evidence to suggest that the Earth has already made serious changes from one geometric form of organization to another.

A study of map projections and world-wide geological patterns conducted in 1976 by Athelstan Spilhaus, consultant for the National Oceanographic and Atmospheric Administration (NOAA), revealed that when the super-continent Pangaea first broke apart approximately 220 million years ago forming the rudiments of our modern-day continental masses, the breakup occurred along equidistant lines forming the edges and points of a tetrahedron...

Based on the research of Hanshou Liu of the Goddard Space Flight Center, who analyzed stress lines in the Earth caused by polar and land movements over the last 200 million years, Spilhaus found that what was next outlined in the planetary structure was a combination cube and octahedron.

It is very interesting that this cube / octahedron shape, which is obviously many millions of years old, still appears to be in great use by the UFOs that we now see, according to Bruce Cathie. Perhaps this Grid was plotted and designed from a realm outside of linear time, and this "historic" example was greatly studied and calibrated as a result. More importantly, the work of Spilhaus appears to be showing us that our planet gradually has been moving through areas of higher and higher "density" of harmonic energy. As these areas are moved through, the frequency of the Earth cannot be held back from expanding, and the Grid changes accordingly. With the work of Gregg Braden and others that show us how much energetic stress the Earth is going through at this time, we have every reason to believe that this is going to happen again - and we will look at the time cycles involved in this when we move into Part Three.

At this point in the article, Jochmans discusses material that we have already presented here, regarding the team of Goncharov, Morozov and Makarov and their icosadodeca grid pattern; this could be construed as the next, or most recent formation of the Global Grid. Jochmans' list of the various planetary elements that this grid contacts is the best that this author has seen, and so we will repeat it here:

- 1 High and low barometric pressure areas in the Earth's atmosphere, where storms originate and move along the crystal lattices.
- 2 The centerpoints for major ocean currents and whirlpools.
- 3 Areas of highest and lowest solar and electric influx, along with regions of highest and lowest geomagnetic gauss strength.
- 4 Points of magnetic / electric anomaly, which serve as gateways into other dimensions.
- 5 Major planetary fracture zones, where the tectonic plates come together and create seismic and volcanic activities.
- 6 Major concentrations of ores and petroleum.
- 7 Planetary hotspots where the internal magma surges closest to the surface.
- 8 Migration routes of land, air and sea creatures.
- 9 Locations of major life breeding grounds and genetic pool regions, where new species have originated.
- 10

Concentrations of human population centers, both past and present.

11

Birth-places for human religions, philosophies, sciences, arts and architectural forms.

It is important to note here that this material was printed in Atlantis Rising as an excerpt from Jochmans' book, then still in progress, called The Earth Grid: Re-Discovering Gaia as a Living Evolving Energy Structure. At the end of the article, it says that if you wish to receive a full listing of books by Joseph now available, you can write for his Spring Catalog and Time Trek packet, from: Joseph Robert Jochmans, Alma Tara Publishing, P.O. Box 10703, Rock Hill, SC 29731-0703, or call 803-366-8023.

So, when we think about the power that these lines have, it becomes very clear to us that the effects on human consciousness can be profound and almost unbelievably fantastic. If you include the Bermuda Triangle / time shifting effects as well, then we can start to see that these sacred constructions may have actually served as time machines as well. Therefore, if you stay within the sacred structure at the proper moment of time, you might just be in for the ride of your life!

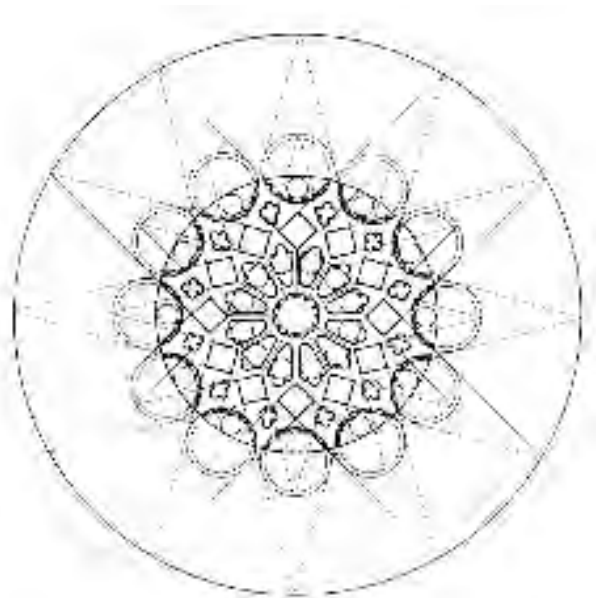
These feats of sacred engineering obviously would not be squandered, if they could be used for positive and spiritual effects. It is for this reason that the question of the French cathedrals such as Chartres is especially interesting. France was the home of the Merovingian kings, a group that some authors claim to be the direct descendants of the bloodline of Jesus Christ. Sir William Spencer, who tackled the question in Bloodline of the Holy Grail from his own access to the records of the Knight Templars, recently covered this enigmatic story. The famous book that most people are aware of concerning this subject is called Holy Blood, Holy Grail. From studying this material, it is clear that the Templars were another offshoot of the original Atlantean priesthoods and their secret knowledge, which was preserved down through the ages. What we actually see is that the cathedrals themselves might have been a function of very "advanced" technology indeed.

There are many ways to see how this would have been possible. The stained glass windows in the cathedrals visually expressed the sacred ratios of phi

and square root of two, as well as other forms of crystallized music, or sacred geometry. Lawlor's book and many others make this point very clear, and we have an image of this on the next page -- in this case, from the main stained glass window in the cathedral of Chartres, with added lines drawn in to indicate how it is connected to "sacred geometry."

The music that was played within the cathedrals was Gregorian Chant, which is very tonal and pure. So, right away you are visually seeing a mandala to organize your visual centers into the sacred proportions, and hearing the sacred intervals in your ears as sound. Then, the actual structure of the cathedrals was sized in direct proportion to the measurements of the Great Pyramid of Giza! This also might have helped to preserve the harmonic properties of the pyramid's structure, as well as paying homage to "a complete set of records of sacred mathematics encased in stone."

Finally, the domed ceilings of the cathedrals directed the natural spirals of energy back downwards and into the gathering. In *The Law of One, Book Three*, Ra discusses how there are many different examples of this type of energy harnessing being done, including the use of the teepee and the pyramids. Ra told Elkins et al. that these constructions will dramatically speed up an entity's spiritual growth process as it uses them, and that it is therefore important to exercise extreme caution when experimenting with such structures. The reason for caution is that the more personal issues one needs to "burn off" to further their spiritual growth process, the harder it would be for them to work in such a structure. The heightened energy that would come to them would make their "blockages" dissolve much quicker. In the long run, this is for the best, but in the short term it is very stressful -- and this is exactly what the Solar Cycle that we will be discussing is doing to all of us right now. Wilcock's readings along with most others of similar quality will repeatedly address this point.



Another example of this sacred technology being put to use by various secret societies is in the construction of the United Nations Meditation Room. This is written about in the very one-sided and Fundamentalist Christian-slanted book called *The Cult of the All-Seeing Eye* by Robert Keith Spenser, published in April 1964 by the Christian Book Club of America in California. The book takes ceaseless "pot-shots" at

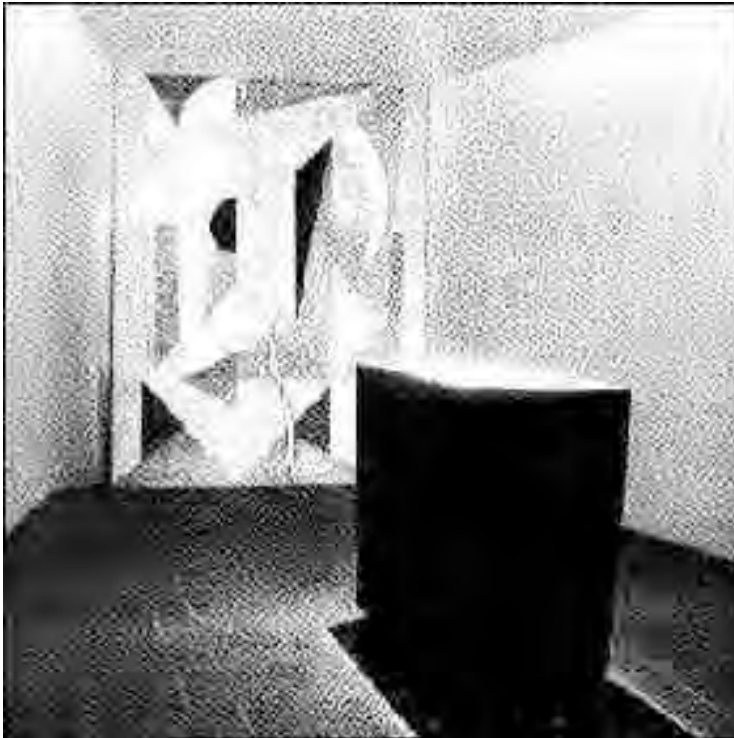
almost everything and everyone imaginable in the field of international government and metaphysics or esoterica. For example, at one point they zero in on the gentle Thomas Sugrue, who wrote the well-known book *There is a River*, which exponentially increased Edgar Cayce's popularity in the few remaining years prior to his death. Their attack was based on an esoteric symbol that he placed on the books in his library. Sugrue's symbol was designed from his initials TS, the T being the "Tau Cross" and the S being the "serpent of wisdom," which to Spenser's team could only mean the Devil!

Even though this book is alarmist, conspiratorial and fundamentalist, we actually can pick up some interesting information along the way. It is important to note here that we are not necessarily condoning all actions that have been apparently undertaken by secret societies throughout time. There are clearly going to be opposites in these groups, just as there are in people. (For example, Adam Weishaupt's "Bavarian Illuminati" certainly appear to have all the hallmarks of highly self-serving or "evil" intentions.)

We feel that it would be foolish to simply make a blanket assumption that all secret society members in positions of power are part of some vast, evil conspiracy. Remember that we briefly said that *The People of the Secret* by Ernest Scott focuses on the positive aspects of these groups, in their ongoing communication with Higher (or extraterrestrial) Intelligence to direct humankind towards greater spiritual awareness. What we do see in *All-Seeing Eye* is specific data regarding a room that is built with all of the same harmonic specifications that we have just discussed in relation to the cathedrals. The simple existence of this room directly implies that the United Nations has maintained at least a fair portion of the knowledge of these secret traditions.

First of all, the Meditation Room has a very bizarre-looking mural within it, and in *All-Seeing Eye* they demonstrate that this has a great deal of 'sacred geometry' and ancient symbolism in its construction. The builders insisted that it did not have any specific symbolism, but Spenser paints a dark and foreboding image of a massive cult that seeks to subvert Christianity into a larger religious faith steeped in pagan traditions. This group committed the unpardonable sin of wanting to unify the spiritual beliefs of the world so that everyone could agree with each other.

So, let's look at the picture of the room and its mural for starters:



The seats in the room are in the back, where the photograph was taken. The room itself is built in the shape of a truncated pyramid, which is certainly a "sacred shape," as a function of Pyramidal geometry. This truncated pyramid shape was worked into the mural in several different places, as was the full pyramid with capstone as well. We can also see that the geometric form of the altar in the center of the room is preserved in the mural through rectangles that are of the same size and proportion.

The very geometric and colorful mural helps to organize the meditator's visual centers with sacred geometry, just as we have seen with the Chartres image on the previous page. Music piped into the room helps to organize the

meditator's mind, again duplicating the effects in the cathedrals. And last but not least, what is that big stone altar doing in the middle of the room? Surprisingly enough, it is a piece of naturally magnetic metal or magnetite, and is indeed the largest natural piece of magnetite ever mined. Even more interesting is the fact that its foundation goes straight into the bedrock of the Earth underneath the floor of the room. (According to All-Seeing Eye, the lodestone was the largest of its kind ever mined, and was given to the United Nations by the Swedish in 1957. The public does not have access to the room underneath.)

If we look closely, we can see that the circle in the middle could be construed as the Earth, with its tilted axis clearly visible. What is then interesting is that once again we see a spiraling energy, this time in the diagonal line from the bottom right to the top left that has a snakelike curve in it. And furthermore, there are three large rectangles that can be made out in the diagram, and they are undoubtedly in a spiraling pattern with relation to each other - one being left to right, one being diagonal and one being top to bottom. This does certainly look like the phi spiral is being implied herein. Other symbols are hidden within this mural as well, including the circle with a dot in the center, the astrological symbol for the Sun.

Obviously, the architects of the UN Meditation Room had this harmonic system down to a science. A minor grid line not visible on the Becker / Hagens map directly overlies Geneva, Switzerland, so that satisfies the global energetic location requirements. We have the proper room structure, the proper visual structure and the proper musical structure. We then have a gigantic piece of natural magnetite, which obviously has a tremendous magnetic field. Why would the architects of the UN Meditation Room wish to import such an expensive material if it didn't "do" anything? Wouldn't it make a lot more sense that this magnetite actually helps to harness and enhance the natural spiraling magnetic Earth energies in the room? In our next book, *Convergence Book One*, we will see that magnetism is the primary means to harness aetheric energy, just as we can see with the Earth's magnetic field. We can definitely start to see that by those who know, this technology was indeed never "lost," only kept hidden.

By meditating in a room with a giant magnet in it, the natural hyperdimensional energies from the Earth are greatly enhanced. This certainly explains why the architects made sure that this "altar" had a foundation that went straight down into the bedrock of the land below. Who knows what remarkable functions of consciousness could occur in this room with a properly-tuned group of meditators at the proper time of the year? We may not know the answer to this question, unless we can afford the trip to Switzerland to go and check it out for ourselves.

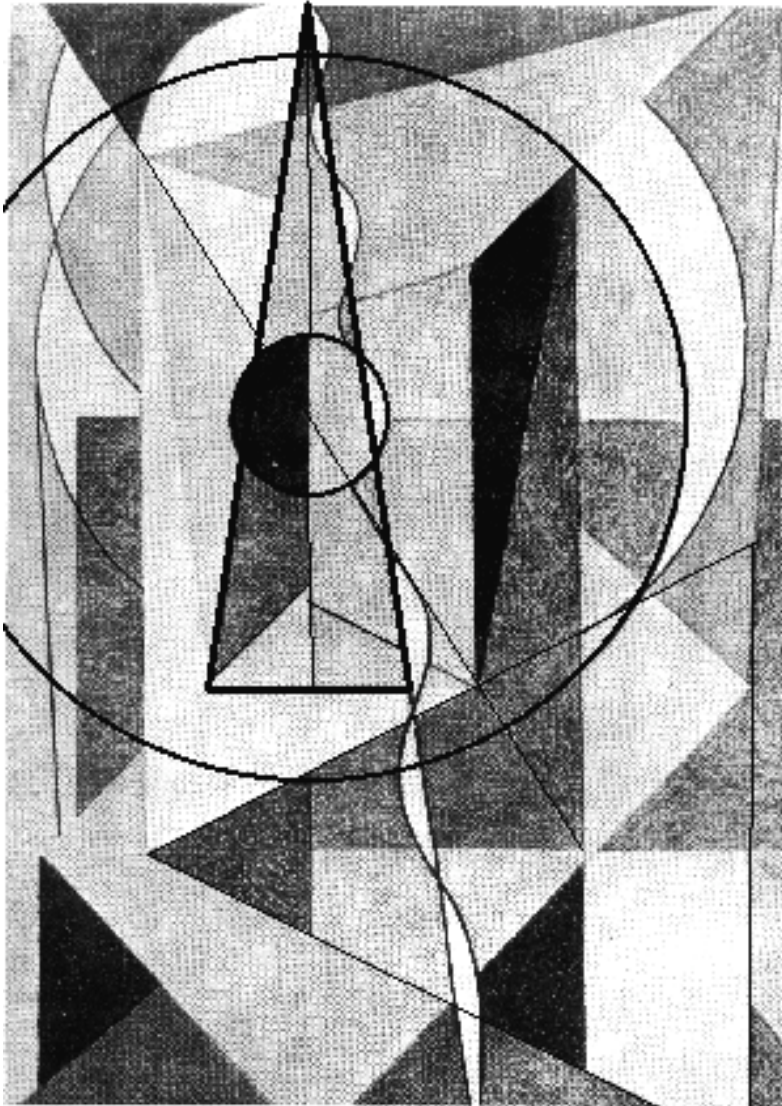
And now we come to the most interesting part of all of this - the famous All-Seeing Eye that is printed on the reverse side of every American dollar in circulation, as well as on the cover of this book in modified form. Thomas Jefferson, Benjamin Franklin and John Adams adopted this symbol after they were given the task of creating a seal for the United States of America on July 4, 1776. A French West Indian portrait painter named Eugene Pierre Du Simitiere, who was commissioned by Thomas Jefferson, rendered the original design.

The All-Seeing Eye is unanimously agreed upon as being a "Masonic symbol." There are voluminous materials available to show that the founding fathers of the United States of America were all Masons. Freemasonry is a "fraternal order" that traces its origins far back into antiquity. The work of Manly P. Hall covers the subject of Freemasonry quite considerably, especially in his incredible "encyclopedic overview" entitled *The Secret Teachings of All Ages*. Those who are familiar with this book, or with any of Hall's work, should be well aware of the gigantic amount of information that is available on these and other "secret societies" throughout time.

An environment of such secrecy is perhaps the only way that such a daring American Revolution could have been organized in the first place. Many different sources point out that the Boston Tea Party was a Masonic-driven event. This historical event protested against Britain's tea tax, where a large group of men dressed as Native Americans boarded a British ship in the harbor and dumped out all of its onboard tea boxes into the ocean. In the Time-Life book *Secret Societies from the Mysteries of the Unknown* series, there is a reprint of a picture that someone had sketched of the Masonic meeting hall that night. For some inexplicable reason, the building was empty, even though the scheduled meetings were normally kept with almost religious observance. At the bottom of the sketch, the artist writes: "We all went out for a cup of tea."

What is particularly interesting to us is the obvious connection between the All-Seeing Eye within the triangle and the basic form of the "consciousness units" that we have discussed so frequently. If we look back at illustrations such as the Barbury Castle crop circle, we can clearly see that the predominant design is a triangle with a dot in the middle. As we now know that this dot represents the One, or the Octave, we can understand why it would be given the symbol for Deity, or the All-Seeing Eye.

Now, if we look back to the United Nations Meditation Room mural, we can see that this same symbol was carefully and secretly encoded within it:



What we see in the image is that the central circle, divided into quarters to symbolize the four elements, is directly framed within a triangle. Although this triangle is extended, the image is the same. Furthermore, when you continue the circular line to the left of the central circle as we have done, you can see that this forms a larger circle that precisely circumscribes the smaller one. This is the classic astrological symbol for the Sun. By putting a line through the central circle on the exact same diagonal angle of tilt that is implied by the surrounding shapes, we can indeed see that it represents the Earth, tilted away from the Sun with one half illuminated with daylight. And then, to top it all off, we have the suggestion of a spiraling line that is at work on the central circle.

So, we can see that there is a definite reference to the circle within a triangle, the universal symbol for the "consciousness unit" that shows up in many different ways, including the crop circles. We can see that the mural implies a spiraling quality to these consciousness units, which we have now discussed in great detail. We can also see that the consciousness unit is also indicated as being the Earth. So, this is obviously a symbolic construction, although the UN Review of 1958 simply referred to it as having been designed "to conform with the purity of line and color sought, for what Secretary General Dag Hammarskjöld has called 'a room of stillness'."

Interestingly enough, the harmonic numbers that we have been studying are worked into its construction as well. Spenser tells us that there are 72 geometric figures in the diagram altogether. 72 would obviously be half of 144, which we have now seen over and over again to be fundamentally related to both sound and light and the Great Solar Cycle - remember that there are 144,000 days in each baktun. The spiral in the diagram has nine sections, and this is also a fundamental number, the "building block" of the entire Gematrian system of frequencies.

So, if we look back to the symbol on the dollar bill, we can see that it is comprised of a truncated pyramid. Interestingly enough, if we count the blocks on the pyramid, we will discover that there are 72 of them altogether - again, the "cornerstone" frequency number. The All-Seeing Eye and its positioning in the Great Seal refers to the symbolism inherent in the Great Pyramid's construction, which we will read about in Chapter 20 when we discuss Peter Lemesurier's epic work, *The Great Pyramid Decoded*.

According to this number series, the number "six" indicates preparation or incompleteness. The message of the Pyramid's inner passageways has entirely to do with humanity's motion through incompleteness towards spiritual perfection, completeness or Ascension. This is symbolically accomplished when the Pyramid is turned into a five-sided, instead of a six-sided object. This is done quite simply, as the Pyramid as it now stands has a flat top, which makes it a six-sided object. When the capstone is put back in place, it becomes a five-sided object, and five indicates perfection and initiation.

So, what we have here is a symbolic glyph for the instreaming fourth-dimensional energy used as the "capstone" for a Pyramid with 72 blocks! It is actually a quite ingenious symbol when you really think about all the information that it contains.

Clearly, the sum total of knowledge that could be achieved from a continent such as Atlantis is indeed vast. We have seen evidence that much of this knowledge has been passed down age after age. The work of de Santillana and von Dechend, as we will see in Part Three, shows us that in almost every culture in the world, a "flood myth" exists which preserves all of the crucial "frequency numbers" responsible for the Earth's wobble, known as precession -- a number that is of fundamental importance to us. The standard "precessional number" of 25,920 years is also a Gematrian number, an expression of the same frequencies we have been discussing as the speed of sound vibrations per second in our atmosphere. (It reduces to 2592, which is a higher harmonic of the same octave-based number set.)

When we look to the Maya, we can see a culture that might very well have preserved a great deal of Atlantean knowledge over time. Nowhere is this more apparent than in their amazing preservation of a system of precise data regarding Sunspot cycles. The work of Maurice Cotterell will give us the hard science to back up the Mayan numbers. So, when we learn from Mayan codices that their Calendar cycles chart the beginnings and endings of ages, the pieces do indeed start fitting together very nicely. The Maya had a system of mathematics so exact that we are still trying to catch up to them today, and figure out exactly how they came about all of this information.

Now that we are looking at the data regarding the Great Seal of the United

States, we must ask if it is possible that the knowledge of this same Great Cycle was preserved throughout the Western civilization and its secret societies. If this were so, we might better understand why the Pyramid symbol was placed on the Great Seal of the United States. What we can see is that this Pyramid eloquently combines the "frequency number" of 72 with the diagram of the "consciousness unit" of the upcoming fourth dimension, also seen in the Barbury Castle crop circle of 1991 and many hundreds of others. And finally, we have the clear-cut metaphor of the re-establishment of the Pyramid's capstone, which symbolically refers to the Ascension of the human species.

It is very interesting to point out here that the Egyptian Board of Antiquities, spearheaded by the efforts of Dr. Zahi Hawass, has now said that they will place a golden capstone on the Great Pyramid on the night of Dec. 31, 1999. Even though most people don't really understand the symbolism of this, we can certainly see it now. This piece of information makes an even greater case for the knowledge within the secret circles that we are at the end of our present age, and ready for Ascension or a hyperdimensional shift.

So, if the Great Seal's symbolism is not a coincidence and the American founding fathers did indeed have this knowledge, there should be some other glaring clues. One of these clues is in the pattern of stars above the Eagle in the obverse side of the Seal. If we look closely at this pattern, we can indeed see that it is fashioned as the Star of David. And, we have already seen how the Star of David is a two-dimensional diagram of the star tetrahedron within a sphere, the energetics of the Fourth Dimension. We are also told in All-Seeing Eye that the national bird for the US was not originally the Eagle, but the Phoenix, symbolizing the death of the old and the rebirth of the new.

And that is certainly not all. Almost everyone has seen the Latin words that surround the symbol of the Great Pyramid on the dollar, but very few actually understand what they mean. The words are "Annuit Coeptis" and "Novus Ordo Seclorum." Both of these are quotations from Virgil, a Greek mystic and philosopher. The first statement, "Annuit Coeptis," means "He [God] has looked with favor upon our beginnings." We can see the physical counterpart of this in the foundation of the United States being "spiritually blessed," but we can also see a larger, more metaphysical explanation that would have to do with the origin of humanity as a whole, as a Divine species.

But now, let's look at the bottom portion: "Novus Ordo Seclorum." The meaning of this phrase is given to us in Spenser's book through a quote from C. A. L. Totten, a 1st Lieutenant in the 4th artillery of the U. S. Army, who communicated his views on the seal to Charles J. Folger, Secretary of the Treasury, on February 10, 1882:

The All-Seeing Eye is one of the oldest hieroglyphics of the Deity. The triangle also is a cabalistic symbol of the most remote antiquity...

The descent of the mystic eye and triangle in the form of a capstone to this mysterious monument [the Great Pyramid of Gizeh] of all times and nations, is to us as a people most pregnant with significance. The motto, Novus Ordo Seclorum, is a quotation from the 4th Eclogue and was borrowed in turn by Virgil from the mystic Sybylline records.

The entire quotation is as follows: 'The last age of Cumaen song now comes. (Novus Ordo Seclorum altered from Magnus Soeclorum ordo), A mighty order of ages is born anew. Both the prophetic Virgin and Saturnian kingdoms now return. Now a new progeny is let down from the lofty heavens. Favor, chaste Lucina, the boy soon to be born in whom the iron age shall come to an end, and the golden one shall arise again in the whole earth'.

This passage is indeed quite revealing. What we learn is that "Novus Ordo Seclorum" does not mean "New World Order" as many conspiracy theorists would claim, but actually "A mighty order of ages is born anew." When we think of a mighty order of ages, we immediately think of the precessional cycle, comprising of the 2,160-year ages of the Zodiac. Then, if we think of this "mighty order of ages" as being "born anew," we could well expect that this would be signified by the ending of the entire cycle, which we are making a very strong argument here as being related to Ascension, or the Shift of the Ages.

But does this statement from the 4th Eclogue and Virgil back up the idea of such a shift? Read carefully.

The last age... now comes. A mighty order of ages is born anew... Now a new progeny is let down from the lofty heavens.

Exactly what is this new progeny? A new life, a rebirth, an entire group of Ascended human beings? It certainly would appear to be that way, in the same sense that the Cayce Readings said that we are about to form the fifth "root race."

We then go on to read the statement,

The boy soon to be born in whom the iron age shall come to an end, and the golden one shall arise again in the whole earth.

Since we could certainly argue that we are still in an "age of iron" and machines even now, it is not hard to see that this passage refers to the end of our own age and the beginning of the New Age, an age of light or "enlightenment."

Furthermore, the fourth-density souls are indicated here as looking "golden." There are numerous spiritual sources that attest to the fact that this is indeed how an Ascended being would look, the most obvious being the Bible indicating the appearance of the Ascended Christ. Now, with a source of guidance such as the Cayce Readings, we can see a comprehensive study of the true meaning of the Christ Spirit, which is that Divine spark within each person. The Second Coming of Christ is actually the rebirth of this Christ Self within each individual entity, and the Shift of the Ages represents the "completion" of the same curriculum that Jesus patterned for us. So, this notion of the "golden one" arising in the whole earth certainly could be an Ascension metaphor.

Perhaps what is even more interesting is that this passage suggests that extraterrestrial forces are involved in all of this as well. "Both the prophetic Virgin and Saturnian kingdoms now return." We are told in Spenser's book that Saturn was the father of Osiris, and that the All-Seeing Eye is the symbol

of Osiris. As this was the highest god in the Egyptian pantheon, we can certainly wonder if there might be an extra-terrestrial connection to all of this.

HANCOCK AND BAUVAL

One thing that we do know from the work of Robert Bauval, including *The Orion Mystery* and *The Message of the Sphinx* (co-authored with Graham Hancock) is that the three pyramids of Gizeh indicate a precise "terrestrial map" of the constellation Orion in the sky. Bauval also tells us that to the Egyptians, the Orion constellation was the symbol of Osiris. Furthermore, we can see from Bauval's work that the only time that the terrestrial, pyramid-based Osiris and celestial, star-based Osiris could have been in perfect alignment was 12,500 years ago. And as we will continue to see, we are at the end of yet another precessional cycle, which Osiris has been carefully marking out for us year by year. By Dec. 22, 2012, we will have completely entered the next cycle.

So, it is possible that the "Virgin and Saturnian kingdoms" could also be a coded reference to Osiris and the passage of the ages. But, if we choose a more adventurous approach, it could also mean that two different extraterrestrial "kingdoms" return to Earth at this time. If this is what it means, then certainly the evidence is all around us, as UFO sightings and "leaked" information continues to build up on all sides. We may never know exactly what this quote was really trying to tell us, but we can certainly see how all the major clues are laid out for us to see.

EDGAR CAYCE AND THE HALL OF RECORDS

The next bit of "historical" information worth covering in this chapter is the notion of the Hall of Records. This was referred to in the Cayce Readings as a set of written records as well as technological artifacts from the Atlantean civilization. The readings said that we would find a room under the right paw of the Sphinx that would lead to the Hall of Records, and since the late 1980's the existence of this room has been confirmed. Numerous groups have used advanced technology such as ground-penetrating radar to prove that there is very much indeed a room present down there.

Even more recent "secret" bulletins authored by Graham Hancock and others have suggested that there appears to be an entire complex of underground tunnels and rooms beneath the Gizeh plateau, including one room that is the "size of a giant cathedral." Some of these passages and rooms were actually admitted to exist on the Fox TV special, *The Opening of the Tombs*. In this March, 99 broadcast, Zahi Hawass gave the world its first glance at what was believed to be the Tomb of Osiris, contained within a room tunneled over 100 feet below ground. The program also suggested that other passageways could lead out from this one, although it was not directly confirmed. Many people, including Wilcock, feel that this is only a small portion of the knowledge that is actually available at this point in time.

If Cayce's readings are indeed accurate, then there is much more waiting for us under all of that Egyptian sand. When skeptics lash out against Cayce's idea of Atlantis, they forget the simple fact that Cayce's readings had unparalleled accuracy in the medical arena, far beyond any possibility of chance. Many of us are far too quick to pick and choose among what these or

other readings may say, only accepting what we want to accept and refusing the rest. If we take the Cayce Readings' validity on faith, then we indeed have proof of the existence of Atlantis.

However, all of that might now be changing. We remember that Cayce's readings said that the Hall of Records would be opened in 1998. We will suggest that this actually DID happen, just not in Egypt, even if very few people are aware of it. We DON'T have to take Cayce's readings "on faith," as a group of people have actually come up with hard, physical evidence to prove that his readings were right. And furthermore, those who have unearthed this evidence have apparently already made very significant discoveries that will change our idea of life on Earth forever once they are released. In short, it appears that someone really DID find the Hall of Records "on time!"

Although very few people seem to be aware of this fact, Aaron Du Val, Director of the Miami Museum of Science Egyptology Society, claims to be in close contact with a group that has indeed discovered the lost records of Atlantis. This work stems off of the work of a Professor Scott, who apparently discovered an amazing series of submerged pyramidal structures in the general area of Bimini off the coast of Florida.

Cayce's readings had said that early signs of Poseidia, one of the last islands of Atlantis to sink, would "be seen to rise" in this area in 1968. And indeed, it was in this same year that Dr. J. Manson-Valentine was flying over the area and noticed rectilinear structures in the water. Dr. Manson-Valentine's findings included what has come to be called the "Bimini Wall," a gigantic set of cyclopean stones that were assembled into what must have been a gigantic seawall to protect a coastline at one time. Obviously, we can now tell that it didn't hold up against the rising tides. Many other megalithic stone discoveries also suggested a lost civilization of some sort, although this material has been largely ignored since the 1970s.

Dr. Scott's discoveries seem to have gone well beyond those of Dr. Manson-Valentine. Dr. Scott's pyramidal structures apparently have painted maps of our Solar System that are still visible inside, as well as a veritable treasure trove of other archeological discoveries. The group of researchers that has continued to work on these findings has released very little information about the site, and for good reason. They fear that treasure hunters and plunderers would immediately dive in and try to steal everything they can, were they to know the location of the area. And, they are quite possibly correct in assuming this. So, we are left with the uneasy position of "trusting" that this group is indeed going to eventually release this material on their own.

Since early 1996, there have been the occasional Email messages from Mr. Du Val, indicating the progress of the group. All of this seemed very low-key, and there were few, if any, radio appearances or publication of these possible findings. The group had been planning to release a good portion of their material in the summer of 1998, and those who did know about this work obviously got very excited. According to Du Val's letter, there were personal injuries and sickness, threats and intimidation, and they ended up backing off completely. The conference never happened, and thus Cayce's prophecies for the Hall of Records being opened in 1998 "failed!"

Wilcock had basically lost interest in the group after they failed to present their findings as they had promised. Since they had released so little in the way of concrete information about their findings, the most common reaction was simply to dismiss them out of hand. Wilcock's readings had indicated that this group's findings were indeed genuine, but he really hadn't paid much attention to that fact. It is certainly interesting to note that this group has now been studying this site since 1995, and has steadfastly refused all offers of big money or mainstream publicity about these findings due to the gravity of the discoveries that they are making. If they were truly "faking it," they certainly don't seem to have a motive for profit or fame!

By December of 1998, this author had been seriously wondering what had ever become of Aaron Du Val and his crew. The thought came to him quite spontaneously one day while he was working on transcribing his readings at the computer. Only one day later, he received an Email directly from Aaron Du Val that literally "blew his doors off." In the letter, there was a summary of all 1998 mailings from the group, none of which Wilcock had yet read.

The most interesting fact that came out of the study of these bulletins is that Du Val's group has apparently found two of the three sets of the Hall of Records! Edgar Cayce's readings indicated that there was a set in Egypt, a set in Bimini and another set in the Yucatan. Du Val's mailings indicate that they were able to decode the messages from the findings at the Scott Stones site, which in turn led them to discover a set of records in Egypt. This was not the Hall of Records referred to by Cayce, but it was indeed something that was equally interesting. Says Du Val:

23 May 1998

...'There's a lot of talk these days about the possibility of finding ancient records, especially around Giza; but everyone seems to have forgotten about the original records of Sais.' The explorers say they've identified the long-lost chronological records used by the priest of Sais, who first informed Solon, back in the sixth century BC. "The existence of these records was confirmed, as you may know, following the days of Plato; but, they subsequently fell into obscurity.

The explorers say they've located and deciphered these very records; and that these Egyptian records correlate with the records found at the Scott Stones! The record is THE SAME, they say, ON BOTH SIDES OF THE OCEAN! and the Sais/Solon/Plato-account for the end of the Atlantean Empire can now be INDEPENDENTLY CONFIRMED!'

Obviously, if this is true, it is highly interesting, as it puts Cayce's prophecies for these records being discovered in 1998 into a whole new light. We can then skip ahead to the next bulletin, and see how the findings of this group continued to gather tremendous weight throughout that same year:

30 September 1998

...'We are extremely happy, today, to be able to report that another MAJOR BREAKTHROUGH HAS BEEN MADE.

On the 23rd of September, by carefully following guidelines laid out by

Professor Scott, the explorers were finally able to vault a formidable barrier, making it possible to begin deciphering an ancient form of writing which apparently goes all the way back to Atlantis itself! The explorers say they are "thrilled, awed, and humbled" by the information they are recovering. They warn, however, that there may be many who will see this information as quite "shocking or up-setting."

The explorers also say that the unthinking and inconsiderate attitudes of some, to both the relevance and the fragility of these discoveries (not to mention the inevitable complications involved with governmental entanglements) leave them little room to reveal much more at this time and still insure the responsible protection of these sites.

It is for this most obvious reason that the exact location of both of these sites MUST, for the time being, remain a secret; pending the institution of proper protection and supervision.'

Obviously, this Email was another very tantalizing piece of bait, whetting the appetite of almost anyone with an interest in lost ancient civilizations such as Atlantis. The next relevant Email produced even more significant leads:

30 October 1998

...'As progress continued in translating an ancient form of writing found in Egypt, it was realized, to the surprise (and joy) of the explorers, that at some point in time, a SIMILAR SET OF RECORDS had actually been carried to the area of the Yucatan!

A full explanation of how this was determined from actual records in Egypt will have to wait. But the important news, for now, is that by matching the available clues, the explorers were able to locate (on the 23rd of October) a MATCHING SET OF RECORDS IN THE YUCATAN AREA!

This latest find is very exciting; and the explorers say that as translations continue, it may be possible to locate other sites with matching records, as well.

Records which have been translated, so far, deal with prophecy, historical events, dimensional shifts in time, and the religion of Atlantis.

It is estimated that a full translation of records found, to date, could take years to accomplish. But the fact that the very same information is found in both hemispheres can only be seen as a RESOUNDING VERIFICATION as to the authenticity and intention of these records!'

Immediately, this bulletin caught Wilcock's eye. What these researchers are proposing here is that the Hall of Records that they discovered had to do with, in their exact words, "dimensional shifts in time!" One has to wonder exactly how these records were able to discuss such things, and have it understandable enough that these researchers knew what they were looking at. Even though we might automatically throw this out, since we just have to "take Du Val's word on it," the material in this book starts to make this idea look a lot less preposterous, even obvious in hindsight.

It becomes quite clear, then, that we are seeing another possible confirmation that the Atlanteans knew exactly what this Great Cycle of the Solar System would do. We will soon see that de Santillana and Von Dechend in the book *Hamlet's Mill* showed us how the precessional numbers were encoded throughout almost all cultures on Earth, through mythology. We have also seen the Maya as possible inheritors of Atlantean calendrical cycles that precisely charted out these Sunspot and precessional cycles. And now, if Du Val's information is correct, we can see that the Atlanteans must have been very well aware of the effects of this Cycle. It is our contention that the information in this book will help this group of researchers greatly in understanding their findings.

The next Email update also included new information that makes the entire situation even more compelling. This update suggests that the findings of this group of researchers are precisely dovetailing with the results in the Edgar Cayce Readings.

21 December 1998

...'What's more, the explorers (although independent and having no connections whatsoever with the A.R.E.) are saying that: "It cannot even be debated (probably much to the rancor or chagrin of some) that the actual INFORMATION contained in these records DOES POSITIVELY CONFIRM things which Edgar Cayce supposedly saw, including: startling new information concerning a predicted RETURN!'

Exactly what do they mean by this return? It is hard to tell, as there are at least three different possibilities. One would be that the Cayce Readings referred to this time in our history as being that of the Second Coming of Christ. Two is that they referred to the return of John the Beloved as John Peniel. (An individual claiming to be "Jon Peniel" has written a book that he is selling via Internet entitled "The Children of the Law of One." While this person has definite spiritual ideals, it is highly unlikely that this is the "genuine" article.) And three is that the Cayce Readings referred to the return of Ra-Ta the priest in 1998, who was apparently a past incarnation of Cayce's.

So, no matter which one of these three possibilities turns out to be the one that they are referring to here, it is certainly a very interesting proposition to consider. Unfortunately, as of April 2000 the group still has not been forthcoming with a disclosure of their material, as they are working diligently to decode it and have not yet secured what they feel to be adequate protection for the site.

And so, now that we have come to the end of this chapter, we can move directly ahead into Part Three of the book, where we will investigate the actual harmonic time cycles that are responsible for bringing this event about. We will start by re-investigating the readings of Ra and Cayce for further details on the operation of this harmonic system of physics as it relates to cycles of time.

CHAPTER 15: CAYCE AND RA SPEAK ON THE GREAT SOLAR CYCLE

Here we check in on the remarkable works of Edgar Cayce and The Ra Material. Cayce's readings specifically mention a Solar Cycle, and we investigate that question against the backdrop of other information in the Cayce Readings.

Then, we go through an in-depth analysis of a series of excerpts from the Ra Material, giving us a precise outline of what we might expect as a result of Ascension, or what they refer to as the "harvest."

CHAPTER 15: CAYCE AND RA SPEAK ON THE GREAT SOLAR CYCLE

September 22, 1939: Sleeping Prophet Edgar Cayce is finally becoming well known in the public eye. The world is soon to be in war. Tensions are high and patience low. For thirty years or more, Cayce's information had been quite astounding in its own right. He had captured the interest of the academic world through fantastic medical readings, correctly diagnosing illnesses and prescribing natural treatments.

It is now a well-known fact that with nothing more than a name and address, Cayce could go into a trance state and precisely describe any medical ailment facing a person, with a 99-percent accuracy rating. With no formal education, his "readings" used all the mainstream anatomical and medical jargon of his day. Absolutely no one can argue these points, and thus Cayce's medical readings are essentially "bullet-proof" to the prying eyes of the devoutly skeptical. The readings would also prescribe a huge range of natural remedies to cure these problems, involving everything from diet to exercise to homeopathy to chiropractors, masseurs and osteopaths. They designed many new medical remedies that had never before been seen, precisely describing what ingredients to use and in what combinations. They also designed new devices for healing, including the Wet Cell, the Radial Appliance and the Violet Ray.

For the time period he was in, and indeed any time period, Cayce's results were extraordinary in scope. It seemed that there was a limitless access to all manners of spiritual information, similar to Ramanujan's access to mathematics. However, for almost the first twenty years of Cayce's psychic career, the topic of reincarnation was never mentioned once, nor many other metaphysical facts and concepts that were largely controversial at the time. But now, in 1939, Cayce is now on the opposite end of a major personal breakthrough - he decided to lighten up on his diehard Fundamentalist Christian beliefs and begin accepting many metaphysical things that his readings had wanted to tell him for years. This information included things such as past lives, astrology and even life on other planets. Had the forces revealed this knowledge earlier, he would most likely have declared them evil and possibly shut down the entire process. In the midst of this new information, Cayce's sources reveal the possibility of epic, unprecedented changes centering around the year 1998. It is on this day, September 22, 1939, that perhaps the single greatest puzzle piece in the entire Cayce saga was granted regarding this issue.

READING #3 FOR CLIENT # 1602, QUESTION 8

8. (Q) Three hundred years ago Jacob Boehme decreed Atlantis would rise again at this crisis time when we cross from this Piscean Era into the Aquarian. Is Atlantis rising now? Will it cause a sudden convulsion and about what Year?

Keep in mind that the author has purposefully italicized the part of the above question wherein the client specifies the "crisis time" as being that of the transition of the Piscean Era into the Aquarian. As we will explore in later chapters, this time period is almost exactly the same as that of the 12 / 22 / 2012 ending date of the Mayan Calendar. Therefore, if this were the only date to be concerned with, we should expect that the Cayce Readings would mention it. We will see the enigma of the fact that they have NOT mentioned 2012 immediately below.]

(A) In 1998 we may find a great deal of the activities as have been wrought by the gradual changes that are coming about. These are at the periods when the cycle of the solar activity, or the years as related to the sun's passage through the various spheres of activity become paramount or Catamount to the change between the Piscean and the Aquarian age. This is a gradual, not a cataclysmic activity in the experience of the earth in this period.

- 1602-003 9 / 22 / 39

The original question was essentially this: "Is the sunken land of Atlantis going to rise again? If it does, will it cause a sudden convulsion, a shifting in the landmass? What year could we expect something like this to take place?" Notice that the wording of the answer does not indicate a definitive answer to any of these questions. It does not definitively state that Atlantis will rise, nor that California will sink. It does say that this event is a gradual, not a cataclysmic activity during this period. Therefore, although other Cayce readings did indicate disaster in 1998, this one clearly does not. Let us focus on what we did get in this reading, as it is extremely important.

Paraphrasing the answer in the readings, one might come up with the following statement: "A great deal of the gradual, (not cataclysmic) changes surrounding the transition into the Aquarian Age may occur in 1998. It is a [Great] Cycle in the Sun's activity that brings in this new age. Or, more precisely, it is the passage of the Sun through other spheres of activity that creates this solar cycle."

Our crucial question in unfurling the puzzle then becomes "What other spheres of activity does the Sun pass through?" In other words, "What does the Sun revolve around?" The obvious answer, based on the system of physics that we have been investigating, is that the forces are referring to the spherical harmonics of various "consciousness units" existing as force points in the Milky Way Galaxy. As time progresses, we will bolster this idea with greater evidence, including that of a mathematical nature. Let us paraphrase again.

"1998 will bring many of the great awakenings that lead into the Aquarian Age. This is being caused by the Great Cycle of the Sun. This great solar cycle is in turn caused by the revolution of the Sun through the various spheres of activity in the galaxy. This cycle is a gradual activity; it does not occur all at once."

Wilcock's own readings explain clearly that through events such as the Jonesboro school shootings, the popularity of the movie Titanic and its ability to cause spontaneous emotional release, and the public "crucifixion" of President Clinton, major awakenings within the public were made. Indeed, now that it has passed, we might not see 1998 as being such a crucial year, yet an event like the Clinton scandal is truly unprecedented in world history. Through Internet, the private life of the world's most powerful man was exposed in excruciating detail to the public. This, in turn, has led to powerful realizations within the populace of the reality of how wrong these extra-marital sexual behaviors really are. We learned a powerful lesson in not hurting our own loved ones, in this case our spouses. In the "group mind" of humanity, massive changes did indeed occur.

The next problem here is twofold. We know that Cayce's reading listed above refers to a solar cycle. We are given almost nothing to go on regarding this cycle, except that the Cayce readings put strong weight in the year 1998. We will tackle the question of how 1998 relates to the Solar Cycle in later chapters, but for now, we will focus on the first part of the problem. If this Solar Cycle is in fact a tangible, measurable phenomenon, there should be certain clues in the Cayce Readings that steer us in this direction. We will now go digging for those clues and see what we can find.

First of all, if we look back to the reading, we can see that this Solar Cycle is clearly associated with the passage from one age to another. We know that we are currently in the 2,160-year Age of Pisces, and will move into the Age of Aquarius at a point in time calculated by French scientists as occurring in the year 2011. So right away, we see that there is a possibility that these ages of the Zodiac figure in to our equation. As some of us may or may not know, there are a total of 12 ages, for the twelve signs of the zodiac. And 12 times 2160 is 25,920. Thus, one complete or Great Age of the Zodiac would be 25,920 years.

Someone might wonder why this number was chosen, since it might appear to be arbitrary. Actually, it is not arbitrary at all. This number is actually an observable astrological cycle that the Ancients have known about for thousands of years. It is referred to as the precession of the equinoxes. This means that the position of certain stars that appear to be fixed will actually precede through the sky in a set motion every year. You would measure the position of these "fixed stars" each Equinox, and after 72 years, you could indeed observe that all the stars would have shifted in their positions by one degree of arc in the night sky. Of course, the number 72 is twice that of 36, so right away we can see the harmonic systems at work. We remember that in the last chapter, the designers of the Great Seal of the United States put exactly 72 bricks into the Pyramid. 12 and 2160 are also perfect harmonic numbers, along with the "master number" of 25,920.

In order to visualize the one-degree movement every 72 years of precession, we must look at Polaris, which we normally would consider to be fixed and immovable. This is the "North Star" that we all know and love, because it appears that all other stars in the heavens rotate around it during the course of the night. However, precession will eventually move Polaris out of this position. For example, the star Alpha Draconis, in the nearby constellation Draco, was at one time also in this position. The movement of the earth that

accounts for this phenomenon is the precession.

Since the questioner for this reading asked for specific details regarding the passage of these zodiacal ages, we can see a direct connection to the 25,920-year precession of the equinoxes. Cayce's readings attribute it to a solar cycle, although current scientific opinion has it that this precession is caused by a "wobble" in the Earth's axis, caused by an interplay between the Sun's gravity and the Moon's gravity, having a very slow effect on the Earth's orbit. The effect is said to be the product of Earth acting as a gyroscope. Many people know that the Earth is not a perfect sphere, but rather an "oblate spheroid," meaning that it bulges at the Equator. And so, due to the uneven distribution of weight, the Earth experiences a very slow counter-rotation in the opposite direction to its normal counter-clockwise, or west to east rotation.

The same thing can be seen to happen in a spinning top that has broken its regular upright rotation and is about to grind to a halt. Let's say your top represents the Earth, and you start it spinning counterclockwise. You can watch it go along for a good bit of time and everything will be fine, but before too long it will shudder and start a slow opposite-spinning motion as it also continues spinning at its normal speed. This shudder will occur in a clockwise direction, opposite to that which you started your top with. You will see a slow but precise circle traced out as it continues to slow down. So, even as it continues spinning very fast, once it destabilizes, it also traces a circle very slowly in the opposite direction.

We can tell from looking at this that it obviously has to do with a gravitational effect. There is no question that the strongest gravitational factors on the Earth are the Sun and Moon, and thus modern astrophysicists explain that this motion is caused by the interplay of these gravitational forces. But this still doesn't get us much further in terms of understanding why this cycle is 25,920 years. There doesn't seem to be any causative mechanism that is specific enough to explain the precise length of this motion.

Clearly the image of precession is a complicated picture to visualize, and the best way to do it with the Earth would seem to be through the notion of a visible axis. If the Earth were reduced to the size of a basketball, and you could walk up to it as it spins, you could visualize a giant axle going through the Earth in a north-south direction. Let's say that you could touch and move the axle without disturbing the Earth's rotation, similar to a gyroscope. The Earth would be on its 23.5-degree tilt, inclined away from being straight up and down. If you went up to this axle and grabbed it on the top and bottom, you could spin it in a slow, deliberate circle in the opposite direction from its counter-clockwise rotation. It would be similar to stirring a giant pot of food with a spoon, making one complete circle. The time that it would take you to complete this circle would be, in Earth terms, one Precessional Year of 25,920 years.

So, that is our official explanation for how to visualize precession, and how long it is. Now we have a Cayce Reading that seems to be indicating a solar cycle that is coming to the end of its age, not strictly an Earth cycle. If there is indeed a cycle in the Sun that governs the precise length of precession, we have yet to officially discover it. In future chapters, we will present very compelling evidence that a researcher by the name of Maurice Cotterell has done just that, to an amazing degree of accuracy. Cotterell has also tied this

Solar Cycle in directly to the enigmatic Mayan Calendar.

But for now, our concern is the Cayce readings themselves. If they are indeed referring to a cycle roughly 25,000 years in length, then there should be some other clues in the readings that point us in this direction. So, we need to discover if the Cayce Readings do in fact refer to any turning points of previous ages, and then see if the numbers jump out at us.

Without getting into tedious detail, and for the purposes of keeping this chapter brief, we can summarize the following information. Anyone can cross – validate this data in a variety of means, including the numerous Edgar Cayce books that are available as well as going directly into the readings themselves to find it. We will quickly see the implications of the actual information that the Cayce Readings have given us as we study the events that are listed for these various periods of time. Here are the approximate values in years for the Cayce cosmology of ages:

10,500,000 BCE: First apelike humans living in caves that separated into families. These formed the bodies for modern humanity. [2665-2] [5748-2]

200,000 BCE: Entrance of extraterrestrial-like spiritual entities to Earth plane, forming original Atlantis. [364-4] Entities are “much rather of the nature of thought-forms” that could “push out of themselves... in the way and manner as the amoeba” [364-3] The entities in question are hyper-dimensional or non-physical beings.

100,000 BCE: Amilius, a spiritual entity present at the time, notices that a crisis is forming. The thought-form entities are becoming separate from their spiritual roots, and may become “hardened.” [364-3]

75,000 BCE: Thought-form entities become “hardened or set much in the form of the existent human body of the day.” The hyperdimensional thoughtform presence suddenly begins occupying the human bodies on the Earth, as well as animals. Spiritually conscious humankind is born, and with it comes a forgetting of its original heritage. Amilius begins a massive program to free the hyperdimensional entities by joining them in the physical form to teach them who they really are. This incarnation of Amilius is called Adam, the “First Man.” [364-3] [Note: The Cayce Readings do not specify exactly when this “hardening” took place; the Ra Material, on the other hand, gives us the date we have listed.]

50,000 BCE: First major human technological civilization on Earth collapses from pole shift. Near-total destruction of Lemuria and partial sinking of Atlantis. A worldwide conference had just decided to use a radiation-type device designed to kill predatory animals in very large numbers. After the polar shift itself, the inhabitants discovered that their use of radiation only exacerbated a cycle that was about to complete anyway.

25,000 BCE: Second major inundation of Atlantis. Civilization falls yet again.

12,500 BCE: Third major inundation of Atlantis. Great Pyramid is built in part to preserve the records.

0 BCE: Amilius / Adam returns to Earth for final physical incarnation as Jesus

the Christ. He then completes His obligations in getting humanity to recognize how to escape materiality through the process of Ascension. This sets the pattern for all others to follow.

2001 ACE: Magnetic pole shift on Earth, also associated with dawning Second Coming of Christ.

As we can see from the chart, there is a lot of interesting metaphysical information that can be developed as a result of all this. The reader is encouraged to ponder on these matters, and look further to the many books about Cayce and Atlantis for more details regarding these things, such as *The Egyptian Heritage*, *Edgar Cayce on the Origin and Destiny of Man* and *Mysteries of Atlantis Revisited*. For now, the immediate focus should be in seeing that the cycle we are looking for in the Cayce Readings cosmology of ages is indeed divisible into roughly 25,000-year units. Thus, we can aptly demonstrate a fundamental connection between Cayce's "solar cycle, or the Sun's passage through the various spheres of activity" and our approximately 25,000-year figure for precession.

While we have the data right in front of us, it is good to point out some other things in this Cayce cosmology that are now backed up with modern science. In the Cayce timeline, the entrance of human bodies to the Earth is cited as being some ten million years ago. This falls precisely in line with the latest research that has been done by Thompson and Cremo regarding historical cases of fully human skeletons that have been found. The epic work that catalogs these discoveries is called *Forbidden Archaeology*, and their assertions are backed by hard, definitive science. Their conclusion is that the entire Darwinian theory of evolution is wrong and modern humanoid-styled beings have been on Earth in one form or another for approximately the last ten million years.

The entrance of extraterrestrial-type spiritual beings to the Earth is cited in the Cayce readings as being some 200,000 years ago. It is quite interesting to note that modern genetic researchers have concluded that the human DNA can be traced back to a single Eve who lived some 200,000 years ago. This fact is referenced most completely in Zecharia Sitchin's book, *Genesis Revisited*. The work of Richard Hoagland and others regarding the possible extraterrestrial ruins on Mars, which we have already explored in previous chapters, also points towards the time of 200,000 years ago.

This was perhaps the most recent time that Mars could have endured a cataclysmic asteroid collision that led to its destruction. There is overwhelming evidence that Mars was very similar to Earth at one point in its past, with fertile oceans, blue skies, clouds and rain. The evidence, from researchers such as astrophysicist Thomas Van Flandern, is very strong in suggesting that a colossal explosion caused by an asteroid was responsible for the demise of Mars. Another resource for this data is found in Graham Hancock and Robert Bauval's *The Mars Mystery*. Interestingly, the most recent "Mars Meteorite" being examined in Europe as having possible evidence for bacterial life also traces back to 200,000 years ago. It is certainly possible that this planetary cataclysm might have been what jogged the rock loose.

Going back to the essential point raised in the Cayce Readings, it would appear that all modern humans have "fallen" from a more spiritual and

energetic form of life. These lifeforms are referred to as "thoughtform beings ... capable of pushing themselves out in a matter similar to the amoeba." We are not told very much about these beings in the readings, but the implications are that they possessed vast intelligence, enough so that it allowed them to be able to project into animals in the first place. The inescapable conclusion that we are faced with in the Cayce Readings is that the intelligent energy of these creatures caused a modification in the DNA of the existing hominids on the planet.

By entering into bodies in the way that they did, they might have had a definite effect on the DNA structures. Cayce tells us that their complete "hardening" by 75,000 BCE in turn led to the production of modern humanoids. The modification of the DNA structure would therefore be the "hardening" or "setting" referred to in the Cayce Readings above. Cayce's slant on the story would tell us that the vibrations of the entities themselves must have had a direct effect on the structure of the human DNA molecules.

This does harmonize with the interesting facts about DNA that we have already discussed. It has been repeatedly demonstrated by scientists, including one of the original discoverers of the DNA molecule itself, that the design is far too complex to have come about through the random processes of evolution espoused in the Darwinian model. Therefore, the scientific paradigm is increasingly moving in the direction of "intelligent design." Furthermore, as we have already stated, Gregg Braden cited research that proved that a DNA molecule, when inserted into a cylinder of light, would attract the photons within and cause them to spiral along with itself. And we remember that he also said that this spiral will continue once the DNA has been removed. So, since we now have seen that the "spiraling line of light" is the fundamental building-block of the Consciousness Unit, and the Consciousness Unit according to Seth is the formation of all intelligent perception, everything starts to become clearer. Each one of us is truly a "hardened" wavelength of a form of consciousness that at one time was a form of pure spiraling Light! Since we learned in the late 20th century that the DNA of modern humanity can be traced back to an origin 200,000 years ago, we have to accept the fact that there is an increasing body of scientific evidence that fits Cayce data very well; data that came in advance of these more recent discoveries.

One thing that is a definite fact is that Cayce's medical accuracy cannot be disproven. So for now, let us continue to work with this timeline. The actual combination of these thoughtform entities with the physical humanoid bodies on the Earth took place in 75,000 BCE. Therefore, this would be when the cycle of human incarnations began in proper. We will see a little later that the Ra Material covers this in great detail. From this we can then see that if the cycle length is roughly 25,000 years, there have been exactly three cycles leading up to the present. The fall of Atlantis, occurring 12,500 years ago, would be exactly at the halfway point of the most recent 25,000-year cycle. Therefore, each cycle appears to be divisible in half, and the ending point of either half might produce stressful tectonic activity.

The sinking of a landmass like Atlantis could be explained through the idea of magnetic pole shift, which we previously discussed as being sanctioned by no other than Albert Einstein, upon reviewing the work of Charles Hapgood. In Hapgood's model, the entire Earth's magnetic field suddenly reverses its

polarity, causing a sudden change in the location of magnetic North and South as well as causing the Earth's outer crust to slide over the liquid mantle inside. Obviously this process would cause immediate and very serious trouble on Earth for those who still remained in the third density - and that is the key phrase. Researchers like Dr. Immanuel Velikovsky in his book *Worlds in Collision* have definitively tied the notion of a Pole Shift into the immediate, wholesale destruction of much of the animal life on Earth in the past. Velikovsky's data includes the discoveries of huge numbers of prehistoric animals that lived in temperate climates showing up twisted, mangled and dead in Arctic regions. The carbon-dated time for these disasters is identical to the time of pole shift. Facts like this point Velikovsky and others to the notion that what happened on Earth was so fast and so catastrophic that the surfaces of the Earth itself literally changed from tropical to Arctic in a matter of minutes, depending on where they were located. In other words, the Earth completely shifted its position in the heavens.

And furthermore, it is commonly known that the last major magnetic pole reversals that have been recorded occurred roughly 75,000, 50,000 and 25,000 years ago. So again, we can see a very precise dovetailing between the collapses of the purported lost civilizations in the Cayce Readings and the actual dates for the pole reversals. The Cayce Readings also referred to these collapses as occurring through "a shift in the magnetic poles of the earth." It should be no surprise that the Cayce Readings indicate another polar shift occurring in 2001. The epic work of Michael Mandeville, also available from the Laura Lee Radio Bookstore, provides conclusive geological evidence to support the idea that Cayce's predictions will come true. Now note that in this book we are not predicting any doom. The larger implications of the Great Solar Cycle indicate that a fundamental shift in the nature of consciousness and energy itself will naturally transition us to a level where this would not affect us.

THE RA MATERIAL AND THE GREAT CYCLE

At this point we will again give some background information regarding the Law of One material remind ourselves of the significant points of this development in the field of "psychic readings."

This author stands behind the opinion of fellow author and friend Dr. Scott Mandelker in saying that the Ra / Law of One Material is at the cutting edge of channeling, and is second only to the Cayce Readings in terms of its strength. And in many ways, it surpasses it, since you do not have to go digging through 14,000 different obscure readings to find all of the important information - everything is contained in five books.

Mandelker's comments on Ra are gleaned from Appendix 3 of his book *From Elsewhere*. He states the following:

Without a doubt The Ra Material is the single most important source of written teaching I've ever encountered. The Ra Material is the first of four volumes of channeled text, organized into 100 question-and-answer sessions over a two and a half year period.

Having said this, it becomes difficult to organize my thoughts on a subject whose personal influence has been so tremendous, such a revolutionizing and

redefining experience. For anyone interested or sympathetic to the extraterrestrial perspective, I believe it's difficult to come into contact with The Ra Material without its having a profound impact on one's personal civilization and feelings. Indeed, I believe one's complete outlook on the universe will be altered.

The Ra Material was the end product of over twenty years of channeling work done through a woman named Carla Rueckert. In this work, Rueckert was rendered completely unconscious, just as Cayce was in his own work. [This is not the typical pattern for "channeled" literature, which is usually done from at least a semi-conscious state.] Rueckert had no memory whatsoever of what she said in the Ra contacts, whereas her earlier experiences had always been through the process of "conscious channeling." Ra spoke directly through Rueckert and was questioned by Don Elkins, Ph.D., a former airline pilot and University of Louisville physics professor.

Mandelker is not the only published author to express the utmost praise for the Ra Material on the printed page. Also in this camp is retired USAF Lt. Col Donald Ware. Col. Ware's account of the Ra Material is given in the book UFOs and the Alien Presence- Six Viewpoints by Michael Lindemann, published by The 2020 Group, CA, 1991. At the time the book was published, Col. Ware was the Eastern Regional Director of MUFON, the Mutual UFO Network. Ware played a key role in MUFON's investigation of the now-famous Gulf Breeze sightings in Florida. MUFON concluded that the photographs from Gulf Breeze were indeed authentic.

Lindemann clearly did not expect that Ware was going to get into the topics discussed in the Ra Material, and it seems that Ware's own information gleaned from Ra was quite surprising, even amazing, to Lindemann. Ware states the following in his interview with Lindemann:

ML: You speak of the larger reality. I'd like to know what you mean by that.

DW: The larger reality is the basis of all the major religions of the world, and all the secret societies. It's knowledge that was so heavy that only a few could comprehend it, and not thoroughly at that. The larger reality is coming through to us in many different ways now, most of them telepathically. I think the clearest description that I've read in the last couple of years is in the four books of The Law of One, which are the transcripts of 104 question- and-answer sessions that Don Elkins had with an entity called Ra between 1981 and 1983.

[Note: The fifth book in the Ra series, a collection of personal material, was released for the first time in 1998.]

The information contained in The Ra Material is vast, but so was the toll that it took on Carla's body. As we already mentioned in the chapter on Ramanujan, when we look at the field of psychic readings as a whole, there are repeated examples of people who suffer considerable damage to the body as a result of their work. These include Jane Roberts, Paul Solomon and Edgar Cayce, all of whom had deep connections and died at a rather early age. Similarly, the Ra connection was enormously draining on Carla's physical and vital energy, exacerbating pre-existent arthritis pains and kidney dysfunction. By the end of the fourth book in the series, this reader was practically in tears over the toll

it finally took on her. It appears that she may well have died if they had tried to continue it any farther than they did.

But apparently, this physical toll in vital energy was part of Carla's gift, in order to be able to bring in this unique information for the world. Ra is indicated to be an extraterrestrial group that aided in the founding of high civilization in Egypt after the fall of Atlantis. The words that emerged from Carla's lips are arguably more complicated and intricate than any other material in existence, and yet remain 100 percent consistent in data from one session to the next, throughout all five books. The Ra Material was not dictated as a book as much as a long series of question and answer sessions between Ra and Don Elkins. The complexity of the Ra information was so high that it frequently stumped Elkins, who was obviously very well educated and had researched the UFO phenomenon for more than twenty years.

The group itself was in control of what questions were asked, and they were routinely chided for venturing into areas that were "off-topic," which Ra called "issues of transient importance." It is quite evident from reading Ra that the only topic they wished to discuss was the Law of One, as this was the most powerful law that anyone could ever hope to understand. The law states that all entities, places and things in all dimensions of the creation are One, and there is no actual separation between any of them. Ra explained that the single most important thing we can learn to support the Law of One is the notion of service to others. That is the one term almost invariably used when Ra describes the positive polarity, or the positive path. The term used for the negative polarity is those who choose the path of service to self. Therein lies the distinction.

It is the author's own experience that a half-hour can be spent on one page, reading, rereading and digesting the material, before it can be understood. To read and begin to understand all five books is no small feat. The main arguments in this book that you now read are the end result of two years of intense study of certain portions of this material, so in a sense, the author has taken the liberty to analyze the literature and compress the main points into simple chunks. Indeed, due to the overwhelming difficulty that it presents, Ra is not for everyone, and the author himself never gave it a second look when first perusing a copy of Book Three in a bookstore. It certainly appears that no human intelligence could ever really understand everything said in the Law of One material; we can simply stand on the outside and point a finger at the most obvious parts.

According to these readings, Ra is a "social memory complex" from the sixth dimension, which they claim is actually the equivalent of an entire planet worth of beings that have fused into one identity. Their planet of origin is in our own solar system, and very long ago in our terms they had a third-density civilization there -- the planet is Venus. Several scientific studies have pointed towards the fact that Venus may have been much more Earthlike in the distant past, making it suitable for life. This was the topic of a feature article in USA Today in 1996, with the headline, "Venus may have had life millions of years ago." Of course, both the Cayce readings and Ra would agree that Venus is still quite suitable for higher-dimensional lifeforms.

The Ra group often used words far outside the range of Carla's own vocabulary, forcing them to use dictionaries afterwards. Though this body of

material is far less recognized than the Cayce Readings, there is every reason to believe that in many ways it is an improvement in information quality over them in the sense of providing a comprehensive "cosmology of dimensions" with the physics to go along with it. But we should also say this: it is a discrete fact that Cayce apparently was going to a higher dimensional level than Ra to obtain the information; namely the octave, or eighth. Ra indicated that they were a sixth-density source. No other reliable "channeled" information appears to be coming from anything higher than the fifth density, besides Ra and Cayce.

Cayce's extreme fundamentalist beliefs only allowed him to obtain esoteric information after more than thirty years of strictly medical-based psychic readings. For years, Wilcock had felt that an immense, untapped knowledge was hiding behind the Cayce readings, with only the briefest glimmers coming into view in such cases as the solar cycle reading given above. The forces were never actually allowed to simply explain everything they really knew, as Cayce wouldn't have tolerated it. Plus, the readings were done for paying customers who wanted to find out about their own lives.

Our statement that the Ra / Law of One material could be construed as a better source is not meant to attack or undermine the credibility of the Cayce Readings one bit. However, it is safe to say that the Ra contact improves greatly upon the same information that is only hinted at in Cayce's work. The main difference in the Ra Material is twofold. Cayce's readings were quite obscure, and this was due to the fact that he sent a portion of himself individually to these higher realms to obtain the information. Thus, in conducting these information searches, all he had was the resources of one entity, namely himself. With the Ra Material we are told that we have a whole planet worth of entities involved. These entities naturally live in that level, and thus have much more experience putting the material together and being able to communicate it in an accurate and reliable fashion.

The second reason why the Ra / Law of One material is more useful is that there were no apparent limitations in the flexibility of the beliefs with the group doing the work. Cayce's inflexibility posed a tremendous and ongoing problem to the forces working with him. In the work with Ra, it seemed that almost nothing that came through any session could upset or shock Elkins, (with a few exceptions journalized in Book Five,) as he was extremely open-minded and had studied the phenomenon very intensely. Before the contact had started in earnest, over twenty years of previous channeling and UFO research had been done. The channeling had always been done on the conscious level. It was the arrival of Mc Carty into the group that directly provided the catalyst for the unconscious-level Ra contact to be born.

Clearly many would think that these statements supporting the Ra Material's excellence might be overinflated. But the simple truth of the matter is that Ra was able to answer every question the physicist could produce, no matter how complex or intricate. The level of intelligence displayed in the contact is so high that it is literally impossible to fathom that Carla could have produced it on her own. The source often makes Elkins appear ridiculously inadequate in his understandings. Among other things, Ra resolved many paradoxes in physics that Elkins had been working on already. These solutions included a Unified Field theory, which bolstered the findings of a little-known physicist named Dewey Larson. Ra confirmed that each dimension of space also had its

own dimension of time. Our current model of physics does not supply a different dimension of time for each level; time is seen as a third-dimensional phenomenon only.

The other main breakthrough in physics that came through the Law of One material has been the cornerstone of this book: the fact that the dimensions themselves are organized into an octave structure. Just as we have seen, Ra informs us that each dimension corresponds to a sound frequency, a light frequency and a geometric, structural "frequency," and even the most cutting-edge physicists such as Tony Smith have produced models that indicate almost exactly the same thing. This author has found that the more research he does and the more he understands his research, the more the Law of One series explains.

RA SPEAKS ON THE GREAT SOLAR CYCLE

It is important to keep in mind that Cayce and Ra are literally the two biggest players in this whole story. Cayce himself had an important incarnation as the Egyptian priest Ra-Ta, who coordinated the efforts of the survivors of Atlantis and helped design the Pyramids and the Hall of Records to preserve their knowledge. The name "Ra-Ta" is indicated in the Cayce readings as meaning "Sun-Earth." But clearly the Ra we are talking about here cannot be the same as Ra-Ta. We are told that Ra exists out of linear time altogether in the sixth density, and is millions of years ahead of us in terms of evolution.

In one section of the Cayce readings, a list of holy names are given to invoke for prayer and protection. In this list of names, there is a "Ra" as well as a "Ra-Ta." This is our only clue in the Cayce readings that there is another force involved besides Ra-Ta himself. Therefore, if our sixth-dimensional group of entities had the name Ra, the name "Ra-Ta" may well have been taken by their contact on Earth. Again, we are told that "Ta" means "Earth," so this name could mean "Ra on Earth." Cayce must not have been presented with this information about the external Ra because of the effect that it would have on his fragile beliefs in esoterica, and thus this portion of the story was deliberately omitted. The story of Ra-Ta's activities was simplified in order for it to get through at all.

Near the beginning of the very first session with Ra, they say the following:

The identity of the vibration Ra is our identity. We as a group, or what you would call a social memory complex, made contact with a race of your planetary kind called Egyptians. [Others from our density made contact at the same time in South America...] We spoke to one who heard and understood and was in a position to decree the Law of One." What better name for this entity than "Ra-Ta," or "Ra on Earth?"

And then, in Session Two, we get a timeline for this arrival, as well as a summarization of some of Ra's activities.

We are those of the Confederation who eleven thousand of your years ago came to two of your planetary cultures which were at that time closely in touch with the creation of the One Creator... We attempted to aid them in technical ways having to do with the healing of mind / body / spirit complex distortions through the use of the crystal, appropriate to the distortion, placed

within a certain appropriate series of ratios of time / space material. Thus were the pyramids created.

We will explain what this section means in a moment. In the Cayce readings, Ra-Ta is said to have designed the Great Pyramid with the help of Hermes, an earlier incarnation of Jesus. The timeline given for this being done is approximately eleven thousand years ago, which is perfectly in sync with what Ra tells us here. Obviously this was another way that Ra worked cooperatively with Ra-Ta on Earth; Ra provided the pure hyperdimensional power necessary to construct the Great Pyramid.

Right away, we can see in the reading that the pyramid is a "crystal appropriate to the distortion [of healing] placed within a certain appropriate series of ratios of time / space material." The crystal portion is quite interesting and revealing. The Pyramid is the same shape as the top half of an octahedron, one of the five basic Platonic solids. These Platonic solids, in turn, form the geometric structures that organize and provide a foundation for each of the different dimensions. The pyramid would then be a way to physically build this "crystal" on Earth. The "ratios of time / space material" could very well refer to the positioning of the Great Pyramid on Earth, relative to the Global Grid.

Later on in the book, Elkins asks a question about where Ra came from, and they tell him the planet Venus, many millions of years ago in our terms; they have since gone on to the sixth dimension. They describe how they were seen as luminous beings when they appeared on Earth. Elkins then asked them how they were able to appear on Earth. Since they were sixth-dimensional beings, how were they able to appear in the third? This will prove to be an interesting answer that will also provide more questions.

Q: How were you able to make the transition from Venus? Did you have to change your dimension to walk upon the Earth?

RA: I am Ra. You will remember the exercise of the wind. [This was a process regarding opening the pathway to higher consciousness.] The dissolution into nothingness is the dissolution into unity, for there is no nothingness. From the sixth dimension, we are capable of manipulating, by thought, the intelligent infinity present in each particle of light or distorted light so that we were able to clothe ourselves in a replica visible in the third density of our mind / body / spirit complexes in the sixth density. We were allowed this experiment by the Council which guards this planet.

Again, what Ra seems to be referring to here is that they are taking each "distorted particle of light," and manipulating its frequency to a lower vibrational level in order that they might become physically visible to us on Earth. What they are obviously referring to is consciousness units, which have been central to our discussion. Ra then seems to hint at some form of cosmic government or Council that allowed them to do this. Naturally, Elkins jumped on the opportunity to ask about this.

Q: Where is this Council located?

RA: I am Ra. This council is located in the octave, or eighth dimension, of the planet Saturn, taking its place in an area which you understand in third-

dimension terms as the rings.

Naturally, it would only make sense that intelligent, hyperdimensional forces that work in our solar system would organize their efforts. The Cayce Readings did indicate in no uncertain terms that there was life on the other planets in the solar system, only of higher dimensional levels. What Cayce probably could not have dealt with at the time would have been the truth regarding other physical civilizations, which might have left behind other physical artifacts. Within only the last few years, researchers such as Richard Hoagland and Thomas Van Flandern have been examining this very evidence; physical artifacts on the planet Mars, and the idea of an artificial explosion of an inhabited planet that is now the asteroid belt.

Understand that this is by no means idle speculation, but hard science. The Martian hypothesis is supported with increasingly convincing pictorial data of structures, including the most recent batch of photographs that provide an even better view of the pyramids there. And as for Van Flandern, the discovery of a common origin point for all comets and the discovery of asteroids with smaller fragments orbiting around them are two facts that support his "exploded planet hypothesis." More recently, an asteroid has been found that shows stratified geological layers, which essentially proves to even the mainstream scientists that it had to have come from a larger planetary body that exploded. The Ra contact gives us valuable insight into the actual civilizations behind these disasters, if we choose to believe it. Also remember that this book was channeled in 1981, well before the word was out to any significant degree on either the Mars Face or the Exploded Planet Hypothesis.

QUESTIONER: Are there any people such as you find on Earth on any of the other planets in our solar system?

RA: I am Ra. Do you request space/time present information space/time continuum information?

QUESTIONER: Both.

[David's Note: I laughed when I first read Elkins' response. But I then thought to myself that with a question as serious as this, if they offered you two choices, you would have said "both" too.]

RA: I am Ra. At one time/space, in what is your past, there was a population of third-density beings upon a planet which dwelt within your solar system. There are various names by which this planet has been named. The vibratory sound complex most usually used by your peoples is Maldek. These entities, destroying their planetary sphere, thus were forced to find room for themselves upon this third density which is the only one in your solar system at their time/space present which was hospitable and capable of offering the lessons necessary to decrease the mind/body/spirit distortions with respect to the Law of One.

[So right away, we see that Ra provides the perfect explanation for the "exploded planet hypothesis" of Van Flandern, years before it was ever put before the public. The planet's explosion was due to the fact that its own people destroyed it.]

QUESTIONER: How did they come here?

RA: I am Ra. They came through the process of harvest and were incarnated through the processes of incarnation from your higher spheres within this density.

[Understand that Ra has made this statement without having explained what harvest was at any point in their work so far.]

QUESTIONER: How long ago did this happen?

RA: I am Ra. I am having difficulty communicating with this instrument. We must deepen her state. This occurred approximately 500,000 of your years ago.

QUESTIONER: Is all of the Earth's human population then originally from Maldek?

RA: I am Ra. This is a new line of questioning, and deserves a place of its own. The ones who were harvested to your sphere from the sphere known before its dissolution as other names, but to your peoples as Maldek, incarnated, many within your Earth's surface rather than upon it. The population of your planet contains many various groups harvested from other second-dimension and cycled third-dimension spheres. You are not all one race or back ground of beginning. The experience you share is unique to this time/space continuum.

[Now, we can clearly see that Ra is referring to a form of planet-hopping, which they are calling harvest. They are also implying that most people on Earth had lived on other planets in the past and were harvested from them. Since harvest was not yet explained, Elkins took the opportunity to try to figure out exactly what it was. Italics are the author's, for emphasis.]

QUESTIONER: I think that it would be appropriate to discover how the Law of One acts in this transfer of beings to our planet and the action of harvest?

RA: I am Ra. The Law of One states simply that all things are one, that all beings are one. There are certain behaviors and thought-forms consonant with the understanding and practice of this law. Those who, finishing a cycle of experience, demonstrate grades of distortion of that [higher-dimensional] understanding of thought and action will be separated by their own choice into the vibratory distortion most comfortable to their mind/body/spirit complexes. This process is guarded or watched by those nurturing beings who, being very close to the Law of One in their distortions, nevertheless, move towards active service.

[And so, to translate what Ra is saying here, harvest occurs when an entity "finishes a cycle of experience," which we will soon learn from Ra as being our 25,000 year interval. At that point, the entity can make a freewill decision to go into a higher dimensional frequency, or a "vibratory distortion most comfortable to [its] own mind/body/spirit complex." Furthermore, we learn that this process is not automatic, but rather coordinated by "nurturing beings very close to the Law of One," or what we would term either extraterrestrials or angelic beings.]

Thus, the illusion is created of light, or more properly but less understandably, light/love. This is in varying degrees of intensity. The spirit complex of each harvested entity moves along the line of light until the light grows too glaring, at which time the entity stops. This entity may have barely reached third density or may be very, very close to the ending of the third-density light/love distortion vibratory complex. Nevertheless, those who fall within this octave of intensifying light/love then experience a major cycle during which there are opportunities for the discovery of the distortions which are inherent in each entity and, therefore, the lessening of these distortions.

[You have to read that paragraph carefully, as the implications of what Ra is saying are vast. An entity could be "very, very close to the ending of the third density," but if the entity is not ready for the fourth level, the entity must experience another "major cycle" of the third dimension. Obviously there is a quite good reason to overcome your lessons of third-density polarity and karma!]

QUESTIONER: What is the length, in our years, of one of these cycles?

RA: I am Ra. One major cycle is approximately 25,000 of your years. There are three cycles of this nature during which those who have progressed may be harvested at the end of three major cycles. That is, approximately between 75 and 76,000 of your years. All are harvested regardless of their progress, for during that time the planet itself has moved through the useful part of that dimension and begins to cease being useful for the lower levels of vibration within that density.

[So this paragraph is perhaps the single most important statement we can glean from Ra to point in the direction of the reality of this cycle. It says that any planet in the cosmos with intelligent life apparently goes through a 25,000-year "major cycle" as part of the functioning mechanism of the universe. This cycle obviously determines when the entities there are "harvested." Plus, we learn that no planet has to "put up" with more than three of these cycles. Obviously, third-density life is very hard on a planet; the Maldek entities even went so far as to destroy the entire planet. Luckily, we haven't done the same thing here.]

QUESTIONER: What is the position of this planet [Earth] with respect to the progression of cycles at this time?

RA: I am Ra. This sphere is at this time in fourth-dimension vibration. Its material is quite confused due to the society memory complexes embedded in its consciousness. It has not made an easy transition to the vibrations which beckon. Therefore, it will be fetched with some inconvenience.

[As you can already see here, and becomes even more obvious later, Ra is saying that we on Earth have almost finished our passage through three major cycles. It is so close to us now that the fourth-dimension vibration is already extremely strong. Ra speaks of the "inconvenience" in our transition to the higher vibrations; this fits very nicely with the Cayce information regarding Earth Changes and pole shift as we approach these turning points.]

QUESTIONER: Is this inconvenience imminent within a few years?

RA: I am Ra. This inconvenience, or disharmonious vibratory complex, has begun several of your years in your past. It shall continue unabated for a period of approximately thirty of your years.

[Since the Ra Material was written in 1981, this indicates that the target timeframe is 2011-2012. After that point in time, the inconvenience is over, because the cycle itself has ended. After Dec. 22, 2012, the Earth will be 100 percent fourth-dimensional vibration, and all life upon it will be fourth-dimensional or higher. We can again see how the Ra Material is fitting perfectly with all the data that we have before us. This data correlates perfectly with the ending date of the Mayan Calendar, and vastly increases the knowledge gleaned from the Cayce Readings regarding these cycles.]

QUESTIONER: After this period of thirty years I am assuming that this will be a fourth density planet. Is this correct?

RA: I am Ra. This is so.

QUESTIONER: Is it possible to estimate what percent of the present population will inhabit the fourth-density planet?

RA: I am Ra. The harvesting is not yet, thus, estimation is meaningless.

[Wilcock's own sources indicate that the numbers are still lower than they should be, however many of the great Earth Changes prophesied for 1998 in other readings by Cayce have not come to pass. Hopefully, more progressive spiritual events will occur in our societies to raise the numbers of people who are "harvestable."]

QUESTIONER: Does the fact that we are in this transition period now have anything to do with the reason that you have made your information available to the population?

RA: I am Ra. We have walked among your people. We remember. We remember sorrow: have seen much. We have searched for an instrument of the proper parameters of distortion in mind/body/ spirit complex and supporting and understanding of mind/body/ spirit complexes to accept this information with minimal distortion and maximal desire to serve for some of your years. The answer, in short, is yes. However, we wished you to know that in our memory we thank you.

[What we can see from the above paragraph is that the whole reason for a contact like Ra to occur now is to prepare this planet for harvest, or Ascension. This is literally identical to what Ra keeps saying through Wilcock as well. We are at the most crucial turning point of the entire 75,000-year cycle. Notice that Ra said that 2012 was the completion of the planet's progress into the fourth density; they did not say that it was the first time that human entities would be able to Ascend. They tell us that the "inconvenience", or Earth Changes, will last this whole period of time.

And now, we jump ahead to the next quote, where Ra reveals the true scope of the organization and vastness of the multidimensional or extraterrestrial forces that are around us at this time.]

QUESTIONER: Do any of the UFOs presently reported at this time come from other planets, or do you have this knowledge?

RA: I am Ra. I am one of the members of the Confederation of Planets in the Service of the Infinite Creator. There are approximately fifty-three civilizations, comprising approximately five hundred planetary consciousness complexes in this Confederation. This Confederation contains those from your own planet who have attained dimensions beyond your third. It contains planetary entities within your solar system, and it contains planetary entities from other galaxies.* It is a true Confederation in that its members are not alike, but allied in service according to the Law of One.

*Ra often uses the word "galaxy" where we would say planetary system. This meaning is listed in the unabridged dictionary but is not in common use.

[Interestingly, this is the exact same type of information that Dr. Courtney Brown received in his remote-viewing experiences, even though he had no previous interest in UFOlogy of any kind. He also was not even told consciously what it was that he would be viewing, but still managed to receive accurate data that fit the "target." Brown's data also indicates a "Galactic Federation," and there are fantastic parallels between what is written in his book Cosmic Voyage and what Ra is telling us here.

So now we can start to understand that there could be a great deal of intelligent life surrounding us and guarding over this harvest. We know that this intelligent life is organized into a "council" or "confederation." We also know that we are at the end of three major cycles of 25,000 years, and that the process of "harvest" is now imminent in our future. Now that Elkins has all of this in mind, he asks a question, seeking to know why it would be that the time measurement is so precise. By all accounts, it is an excellent question, and it will give us far more insight into what Cayce was describing when he said, "the cycling of the Sun through the various spheres of activity."]

QUESTIONER: The way that I understand the process of evolution is that our planetary population has a certain amount of time to progress. This is generally divided into three 25,000-year cycles. At the end of 75,000 years the planet progresses itself. What caused this situation to come about with the preciseness of the years in each cycle?

RA: I am Ra. Visualize, if you will, the particular energy which, outward flowing and inward coagulating, formed the tiny realm of the creation governed by your Council of Saturn. Continue seeing the rhythm of this process. The living flow creates a rhythm which is as inevitable as one of your timepieces. Each of your planetary entities began the first cycle when the energy nexus was able in that environment to support such mind/body experiences. Thus, each of your planetary entities is on a different cyclical schedule as you might call it. The timing of these cycles is a measurement equal to a portion of intelligent energy.

This intelligent energy offers a type of clock. The cycles move as precisely as a clock strikes your hour. Thus, the gateway from intelligent energy to intelligent infinity opens regardless of circumstance on the striking of the hour.

[Note that Ra refers to the energy as “outward flowing and inward coagulating.” This is an indication that the Sun itself is a giant, pulsating consciousness unit, existing in all dimensions and pulsating throughout them. This provides a very tidy explanation for the 'cycles of the solar activity' referred to by Cayce. And as we can repeatedly see from Ra, this pulsation takes on a geometric and geographical counterpart. This pulsating cycle of the consciousness units is so exact, according to Ra in this quote, that it can be precisely timed and measured. This might also be related to the precision of our modern atomic clocks, which we now use as an absolute standard for timekeeping. We also see from the above statements that each planet, since it occupies a different position in the Solar System, also has a different “cyclical schedule.”

The above excerpt makes it very clear that there is a harmonic order to the movement of large-scale planetary, solar and galactic bodies, an order which determines the length of time that it takes them to move very precisely. As we move towards the conclusion of this book, we will cite mathematical evidence, including never-before-seen findings of Wilcock's own, that provide a much firmer basis for this understanding.

In the next excerpt, Elkins tries to obtain more information on exactly how it is that harvest takes place, in terms of the “planet-hopping” we had been discussing.]

QUESTIONER: When graduation occurs at the end of a cycle, and entities are moved from one planet to another, by what means do they go to a new planet?

[Notice that Elkins asks a question in the plural; “entities.” His answer is in the singular: “... totality / beingness.” In other words, the planet’s intelligent life is One.]

RA: I am Ra. In the scheme of the Creator, the first step of the mind/body/spirit/totality/beingness is to place its mind/body/spirit complex distortion in the proper place of love/light. This is done to ensure proper healing of the complex and eventual attunement with the totality/beingness complex. This takes a very variable length of your time/space.

[It is important to note that Ra tells us in other places that a mind / body / spirit / complex / totality / beingness is the full summation of a planet worth of beings as one identity. So to translate this, the individual entities are referred to here as “mind / body / spirit / complex distortions;” they are distorted forms of the whole that are only apparently individual. So what we see is that the whole group consciousness of the planet places its apparent individual entities into “the proper place of love / light” in order to “ensure proper healing.”]

After this is accomplished the experience of the cycle is dissolved and filtered until only the distillation of distortions in its pure form remains. At this time, the harvested mind/body/spirit/totality/beingness evaluates the density needs of its beingness and chooses the more appropriate new environment for either a repetition of the cycle or a moving forward into the next cycle. This is the manner of the harvesting, guarded and watched over by many.

[What we can see here is that it appears that the entire planet of entities chooses what its mass karmic lessons are, or what it needs to learn. If it needs to incarnate as a whole on a different planet as many apparently separate and individual entities, then it will do so. If it hasn't fulfilled its evolutionary obligations to, in our case, the fourth density, it might choose to find another third-density planet for "a repetition of the cycle." And again we are reminded that this whole process is "guarded and watched over by many." So what this means is that there are entities in the universe that are powerful enough to guard and watch over an entire planet worth of beings as their group-mind decides what to do in this harvest situation.]

QUESTIONER: When the entity is moved from one planet to the next, is he moved in thought or by a vehicle?

RA: I am Ra. The mind/body/spirit/totality/beingness is one with the Creator. There is no time/space distortion. Therefore, it is a matter of thinking the proper locus in the infinite array of time/spaces.

[Our next excerpt of questions shows us that since we are so close to the end of the cycle, our world is almost completely in fourth-density already. The only thing holding it back now is our own consciousness. But once the cycle completes, the changes will be permanent, as Ra has said.]

QUESTIONER: What is the density level of our planet Earth at this time?

RA: I am Ra. The sphere upon which you dwell is third density in its beingness of mind/body/spirit complexes. It is now in a space/time continuum, fourth density. This is causing a some what difficult harvest.

QUESTIONER: How does a third-density planet become a fourth-density planet?

RA: I am Ra. This will be the last full question.

The fourth density is, as we have said, as regularized in its approach as the striking of a clock upon the hour. The space/time of your solar system has enabled this planetary sphere to spiral into space/time of a different vibrational configuration.

[Again, remember Cayce's line, 'the cycle of the Sun's passage through the various spheres of activity' in describing this same cycle. We can clearly see the parallels here.]

This causes the planetary sphere to be able to be molded by these new distortions. However, the thought-forms of your people during this transition period are such that the mind/body/spirit complexes of both individual and societies are scattered throughout the spectrum instead of becoming able to grasp the needle, shall we say, and point the compass in one direction.

Thus, the entry into the vibration of love, sometimes called by your people the vibration of understanding, is not effective with your present societal complex. Thus, the harvest shall be such that many will repeat the third-density cycle. The energies of your Wanderers, your teachers, and your adepts at this time are all bent upon increasing the harvest. However, there are few to harvest.

[In our next Ra quote, Elkins has asked if it indeed is true that in our third dimension, "there is actually no past or future, that all is present. Would this be a good analogy?" The answer is surprising.]

RA: I am Ra. There is past, present, and future in third density. In an overview such as an entity may have, removed from the space/time continuum, it may be seen that in the cycle of completion there exists only the present. We, ourselves, seek to learn this understanding. At the seventh level or dimension, we shall, if our humble efforts are sufficient, become one with all, thus having no memory, no identity, no past or future, but existing in the all.

[If we look closely at this, we realize that the goal of any entity in the universe is to merge with the One and to lose any sense of individuality or separateness. Ra's answer reveals that they do indeed have some sense of time, some sense of a forward progression of events, even if it is nowhere near as strict as our own. Thus, even though they can move through time and see the different potentials, they are not currently exempt from a feeling of linearity in at least some form.]

QUESTIONER: Does this mean that you would have awareness of all that is?

RA: I am Ra. This is partially correct. It is our understanding that it would not be our awareness, but simply awareness of the Creator. In the Creator is all that there is. Therefore, this knowledge would be available.

[And now that Ra has explained the seventh density and the one-pointedness of mind therein, Elkins seeks to elicit a similar understanding for what we ourselves are heading into; the fourth density. Ra's answer should help us start to understand what we have to look forward to in the now very near future.]

QUESTIONER: Thank you. Is it possible for you to give a short description of the conditions in the fourth density?

RA: I am Ra. We ask you to consider as we speak that there are not words for positively describing fourth density. We can only explain what is not and approximate what is. Beyond fourth density our ability grows more limited until we become without words.

That which fourth density is not: it is not of words, unless chosen. It is not of heavy chemical vehicles for body complex activities. It is not of disharmony within self. It is not of disharmony within peoples. It is not within limits of possibility to cause disharmony in any way.

Approximations of positive statements: it is a plane of type of bipedal [humanoid] vehicle which is much denser and more full of life; it is a plane wherein one is aware of the thought of other-selves; it is a plane wherein one is aware of vibrations of other-selves; it is a plane of compassion and understanding of the sorrows of third density; it is a plane striving towards wisdom or light; it is a plane wherein individual differences are pronounced although automatically harmonized by group consensus.

[In the last line, Ra says that "individual differences are pronounced," but that the group mind automatically harmonizes these differences. It is clear that the closer you are to approaching true Oneness, the less you have any individual sense of identity. That would explain why in the seventh density, there is no apparent self-consciousness, only the consciousness of the One. With the next question Elkins asks, we get some insight into the causative forces behind the Earth Changes as we head towards harvest or Ascension.]

QUESTIONER: We are now in the fourth density. Will the effects of the fourth density increase in the next thirty years? Will we see more changes in our environment and our effect upon our environment?

RA: I am Ra. The fourth density is a vibrational spectrum. Your time/space continuum has spiraled your planetary sphere and your, what we would call galaxy, what you call star, into this vibration. This will cause the planetary sphere itself to electro magnetically realign its vortices of reception of the in-streaming of cosmic forces expressing themselves as vibrational webs so that the Earth thus be fourth-density magnetized, as you may call it.

This is going to occur with some inconvenience, as we have said before, due to the energies of the thought-forms of your peoples which disturb the orderly constructs of energy patterns within your Earth spirals of energy which increases entropy and unusable heat. This will cause your planetary sphere to have some ruptures in its outer garment while making itself appropriately magnetized for fourth density. This is the planetary adjustment.

[So, what Ra is saying here is that the Earth will "electromagnetically realign its vortices of reception" with what is emanating from the Sun. This same realignment is indicated in the Cayce Readings and many other sources as a shifting of the poles. Elkins' question specifically asked for events within the next thirty years, not at the end or afterwards. This would fit in well with the Cayce Readings indicating a date for polar shift of approximately 2001 or thereafter.]

You will find a sharp increase in the number of people, as you call mind/body/spirit complexes, whose vibrational potentials include the potential for fourth-vibrational distortions. Thus, there will seem to be, shall we say, a new breed. These are those incarnating for fourth-density work.

There will also be a sharp increase in the short run of negatively oriented or polarized mind/body/spirit complexes and social complexes, due to the polarizing conditions of the sharp delineation between fourth-density characteristics and third-density self-service orientation.

Those who remain in fourth density upon this plane will be of the so-called positive orientation. Many will come from elsewhere, for it would appear that with all the best efforts of the Confederation, which includes those from your peoples' inner planes, inner civilizations, and those from other dimensions, the harvest will still be much less than this planetary sphere is capable of comfortably supporting in service.

[This last sentence exemplifies the problem that we, as Lightworkers, are still trying to solve in the present. The data about the "sharp increase... of negatively oriented [entities]" is very similar to Cayce's description of the end

of Atlantis, with the battle between the Sons of the Law of One and the Sons of Belial. It is becoming more and more obvious that great tensions between people are developing, and this answer helps to explain why.

One must then ask, if the harvest is so low, as Ra is indicating, what can we do? Is there anything we can do, and if so, how do we do it? Ra's insights with regards to the form of the solution are quite interesting.]

QUESTIONER: Is it possible by the use of some technique or other to help an entity to reach fourth-density level in these last days?

RA: I am Ra. It is impossible to help another being directly. It is only possible to make catalyst available in whatever form, the most important being the radiation of realization of oneness with the Creator from the self, less important being information such as we share with you.

[Again, Ra defines "catalyst" as the outside circumstances and energies that lead people towards the Light of Everlasting Love; sometimes with subtlety, other times with great intensity. Earth Changes are a form of intense planetary "catalyst" to get us out of our houses and to start living and cooperating with each other.]

We, ourselves, do not feel an urgency for this information to be widely disseminated. It is enough that we have made it available to three, four, or five. This is extremely ample reward, for if one of these obtains fourth-density understanding due to this catalyst then we shall have fulfilled the Law of One in the distortion of service.

We encourage a dispassionate attempt to share information without concern for numbers or quick growth among others. That you attempt to make this information available is, in your terms, your service. The attempt, if it reaches one, reaches all.

We cannot offer shortcuts to enlightenment. Enlightenment is, of the moment, an opening to intelligent infinity. It can only be accomplished by the self, for the self.

With these few lines, we will end this chapter detailing Ra's insights on our solar cycle. It is made very clear here that even with how low the numbers are for harvest, there are many entities who are just not ready for it yet, and though might seem depressing to us, it is what it is, and we simply need to respect it. Our focus should really be on those who are on the edge, who are very close to remembering and understanding the truth, so that we might then steer them in the right direction. Therefore, if even one person makes the harvest as a result of our own efforts, we have succeeded in what we are here to do. And that realization greatly takes off the pressure.

So now, with all that we have uncovered with Ra in this book there is a complete framework to understand this cycle. The problem, as we have said, is that this type of information does not appear at the outset to be "empirical" or "provable" in the sense that most physical data could be. However, it appears that this material predates a number of physical discoveries that were made by at least seven or eight years. This therefore adds great weight to the case that can be made for its validity. In the next chapter, we will start

examining the physical evidence that suggests the reality of Ra's complex statements regarding this Solar Cycle.

CHAPTER 16: MAURICE COTTERELL AND THE GREAT SUNSPOT CYCLE

In this chapter, we check in on the groundbreaking work of Maurice Cotterell. We discover that Cotterell detailed a series of new cycles in the Sun, related to the activity of the sunspots.

These newly discovered cycles fit perfectly with the information in the Cayce Readings and the Ra Material, as well as information from the Mayan Calendar.

Furthermore, this solar cycle was only recently discovered, while the psychic works existed well before Cotterell made his first graph.

CHAPTER 16: MAURICE COTTERELL AND THE GREAT SUNSPOT CYCLE

We have now seen Cayce and Ra proposing a very interesting model for a sudden, multi-dimensional evolution in the human species. This does then become a model wherein all that we have previously learned about the structure of the dimensions becomes far more personal, far more real, far more of an immediate future that we are staring in the eye right at this very moment. The true energy of Consciousness itself, expressed as a fluid-like sea of Pure Light, does not simply have one speed of resonance or vibration in its pulsations. We are told by a variety of sources of Higher Intelligence that the speed of Light itself is not at all a constant, but rather is capable of harmonic change. According to Ra, what we measure here on Earth as Light is "distorted light" that has a certain "true color" even though it appears to be white to us, and each density in the Octave of dimensions represents a different "true color density" of vibration. And with Bruce Cathie and Carl Munck's work on the Speed of Light, we can see that this certainly appears to be the case.

The Speed of Light can be shown to be two things:

- One, a precise harmonic of sound vibration frequency 144 in a time system based on 9, using minutes of arc as the indicator for distance, and
- Two, directly related to the shared common tangents of the sound frequency numbers (which appear to have dynamic, structured, wavelike movement) and the square root of five, which forms the building blocks for the Platonic Solids and / or the fundamental phi ratio.

Furthermore, when we include Hoagland's new information about the angle relationships of the circumscribed tetrahedron being precisely harmonic or non-harmonic whole numbers when rendered in a circle with 666 degrees, we can see that the sound, light and geometry are precisely and undeniably mathematically interconnected. This point cannot be argued when the proof is so easily seen, including the simple Platonic geometries that emerged visually in Dr. Jenny's experiments with vibrating liquids. Therefore, we can infer that the speed of light has similar properties to these other harmonics, all of which are quite naturally capable of changing -- expanding and contracting in their frequency. The speed of light is simply another measurement of frequency, directly correlated with the relative density or strength of the zero-point or aetheric energy field in any given area. So when we have a highly harmonic

stress point such as 19.47 degrees, at the intersection of the tip of a tetrahedron to the surrounding sphere, we shouldn't be surprised to see that its "666 harmonic" value is 36, one of the most fundamental building blocks of the "Gematrian" diatonic musical scale. This essentially proves that the "diatonic" or "Gematrian" numbers have an internal, structured, geometric movement, and are not at all simply static numerical values as we may have once thought.

So again, when we properly understand the speed of light, everything changes. Light is simply the fastest possible movement through a sea of "aether" or what Ra calls intelligent energy, at a certain density. The apparent movement of Light itself can increase as the speed of movement or vibration in the aether increases. Furthermore, new research in the "Grand Unification Theory" by John Nordberg reveals that the properties of time will work much better when they are reassigned as the speed of light itself, instead of our current use of the Sun's apparent movement in the sky to measure time. (We will have a lot more to say about this in *Convergence: The Physics of Ascension*.) And if we remember from the chapter on Bruce Cathie, the relative movement of one second of our time on the clock is 1440 times faster than the movement of the Sun in the sky. So again, all of this leads us to believe that time as we know it, either measured by the speed of Light or even the second itself, are all functions of simple vibration in movement, in this case harmonics of the number 144.

So, if time is truly a harmonic movement that can change in harmonic intervals, then as the speed of Light changes, so too does our perception of time change, just as we saw in the cases involving certain Grid anomalies. If we remember, Sanderson's "vile vortices" on the Earth's icosahedral grid caused natural and painless time distortions for passengers who flew through them at certain times, whereas the results of the Philadelphia Experiment created time distortions that led to physical harm for some of the participants. In both of these cases, it certainly does appear that time is capable of changing, and new information continues to arrive that validates this proposition more and more. On April 13, 2000 Dr. Steven Greer posted an article to his well-known CSETI website from W.B. Smith, a Canadian military officer, which gave the same information.

In this new article, Smith discusses his work on Project Magnet, the only officially-acknowledged government project that investigated the Global Grid. It became classified when they started to actually determine the shape and anomalous properties of the Grid itself. Smith's main contribution to the UFO field was that he was the author of an inadvertently declassified document that stated that the UFO matter in the US was "classified on a higher level than the hydrogen bomb." As for the article itself, it was transcribed from a speech given at short notice to the Vancouver Area UFO Club on March 14, 1961, entitled "What we are doing in Ottawa."

In the article, it appears that Smith was in touch with human telepathic "contacts which [his group] believed to be sincere," although this must be inferred from the excerpt that Dr. Greer has posted, as many researchers immediately discredit anything "channeled." Smith then goes on to say that:

Our technique of handling the contacts was to ask a number of rather general-type questions of all the contacts and then we compared the answers. We

found that in a majority of cases we got back exactly the same answers from all the contacts... We just confined our activities... to the contacts whose results we had been able to check.

Among other things, the article describes that the contacts Smith was in touch with were accurate enough that he was able to glean knowledge about how the UFOs were powered as well as how to engineer a device that could measure changes in the Global Grid frequency strength. But what interests us the most for this chapter is what he said about time and the speed of light, fairly early in the document. We have added italics and underlines for emphasis:

There is a great deal that we have that we have not yet been able to decipher. I think the trouble is with us, not with the info. Much of the info, which we obtained from these people, cast some serious doubts on the validity of some of the basic concepts of our science.

For one thing they told us that the velocity of light was not a constant. As a matter of fact they seemed to be rather pointed in their statements that light doesn't travel, it is.

[Note: This is almost exactly the same sentence written by Dr. Elkins at the beginning of The Ra Material: "[The ETs tell us that] light does not move, light is." He equates this directly with the physics of Dewey Larson, which state that time is motion and light is the primary motion that creates time.]

And we told them that from our point of view, [light] appeared to travel with a certain definite velocity of 186,000 miles per second. They said that's the way it looks to you because you are looking at it from a region having certain conditions, certain influences, but they said if you were to go away from this region you would find that a different set of circumstances prevailed.

Another thing they told us cast a great deal of doubt on our ideas of time. They told us that time wasn't at all what we thought it was, namely what might be marked off with the ticking of a clock, that time was, in fact, a field function, the result of there being a universe. That is, something which was derived from the basic primordial concepts which brought this universe into being, and that it differed as you went from one part of the universe to the other. Also it could be altered, sometimes by natural means, sometimes by intelligently-controlled means in various parts of the universe. So that in any given interval, which incidentally is what our clocks mark off, our intervals, not chunks of time, in these intervals we can have all sorts of lengths of time.

In other words if one of you checks your clock with me and finds that they are synchronized and I climb into a flying saucer and take a little trip out well clear of this earth and I watch my clock and, say, come back in three hours time, and we again compare clocks, maybe your clock says I've been gone an hour, my clock says I've been gone three hours. Both clocks are strictly correct. You've experienced an hour in the time that hand went around once; in that same interval I experienced three hours—and they were three real hours, not an illusion. The theory of relativity talks about this dilation.

But this leads to a paradox and I think that anyone who is at all mathematically inclined and has taken the trouble to look at the relativistic

time paradox is probably disturbed by it. According to the theory of relativity, if I climb into a spacecraft and start out from the earth, here, at a velocity very nearly the velocity of light and I go out to, say, Alpha Proxima, and then I turn around and come back, people on the earth say I've been gone something like 10 years. According to my clock I've only been gone a year. Now that is a result, apparently, of the time dilation in the theory of relativity in that the spacecraft was moving, relative to the earth at a velocity very nearly equal to the velocity of light. The paradox arises when you consider that relative to the spacecraft, the earth was traveling away at exactly the same velocity, so therefore, to the people on the spacecraft who are relatively stationary, 10 years should have passed and by the time the earth came back to them it should only have been away a year. So you can see right away the very premise on which the theory of relativity is predicated, namely, that if B is relative to A, then A must be relative to B, leads you to an impossible paradox.

This paradox is resolved completely if you recognize the variable nature of time. As you move around from one part of the universe to the other, you encounter all sorts of values of time in certain given intervals. Now I find that this idea of the concept of the variable nature of time to be almost incomprehensible to most people because... every time we do something we check with the clock. We become slaves to the clock to the extent that we believe that the intervals cut out by the clock are time itself. So we find it very difficult to readjust.

The most important sentence in this entire excerpt, which forms the thesis of this entire book, is that "as you move around from one part of the universe to another, you encounter all sorts of values of time in certain given intervals." We must assume that these intervals are harmonic, and that they refer to the concentration of aether density in the surrounding "space," and thus also the dimensional level in that area. According to Ra, these changes are relative to our position in the galaxy, and we will see the mathematics behind this in later chapters. The most immediate bleed-off of this changing frequency in our own area would be the visible effects on the Sun and Earth, and in this chapter we will focus on the Sun.

So what we are about to see is that as the sun moves through different densities of energy concentration, it has energy shifts that profoundly affect its entire structure, and these energetic shifts are also dimensional shifts. Therefore, when we find the true hyperdimensional cycle of the Sun, we find a schedule for exactly when these dimensional shifts are going to occur, as it is a measurement of our progression through the varying layers of concentration.

So then the question becomes this: How do we know where we are in terms of this movement through the intelligent "background" energy in the Universe? Is there a way to measure this precisely, and if so what would it be? Could the same hyperdimensional harmonic forces that have literally carved the shape of the continents into what they are now also exert force on the planets from afar, without actually being inside the planets as the Grid is? If the "Consciousness Units" are not bound by size, then how do we determine where we are in terms of our movement through these energy stresses? The information that we have already looked into suggests that the inheritors of the Atlantean legacy were well aware of this system, and that something

extremely important is going to happen here on Earth in our near future. The designers of the Great Seal of the United States, as well as the United Nations Meditation Room, obviously possess this knowledge. And since this appears to be a direct endowment from Atlantis itself, then it should make sense that the Atlanteans would have done anything they could to preserve this knowledge in many different ways for us, as nothing could be more important.

And so, we have seen from the material suggested by Ra and Cayce, the timeline for these energy shifts can be measured by the Earth's natural wobble known as precession, at least in part. And it is a well-known fact in metaphysical circles that MIT History of Science professor Giorgio de Santillana collaborated with Frankfurt University History of Science professor Hertha von Dechend to produce an epic, bullet-proof research work entitled *Hamlet's Mill*, which showed how these precessional numbers were preserved all throughout ancient cultures, ostensibly originating with Atlantis itself and the "flood myth" that was created after it dropped beneath the waves of the Atlantic Ocean, its namesake. Graham Hancock discussed this epic research in his book *Fingerprints of the Gods*, and one excerpt from Chapter 30 of Hancock's book serves the point well:

For some inexplicable reason, and at some unknown date, it seems that certain archaic myths from all over the world were "co-opted" (no other word will really do) to serve as vehicles for a body of complex technical data concerning the precession of the equinoxes. The importance of this astonishing thesis, as one leading authority on ancient measurement has pointed out, is that it has fired the first salvo in what may prove to be 'a Copernican revolution in current conceptions of the development of human culture.'

Hamlet's Mill was published in 1969, more than a quarter of a century ago, so the revolution has been a long time coming. During this period, however the book has been neither widely distributed among the general public nor widely understood by scholars of the remote past. This state of affairs has not come about because of any inherent problems or weaknesses in the work. Instead, in the words of Martin Bernal, professor of Government Studies at Cornell University, it has happened because 'few archaeologists, Egyptologists and ancient historians have the combination of time, effort and skill necessary to take on the very technical arguments of de Santillana.'

Therefore, *Hamlet's Mill* proves conclusively that mythologies from all over the world have encoded very similar pieces of information regarding this Great Cycle in the earth. Among the most important aspects of this information is a near-universal remembrance of a deluge or catastrophic flood and inundation of some kind. But even more importantly, as was just stated above, de Santillana and von Dechend show that precise information about our 25,920-year precession of the equinoxes was also being stored in the myths themselves.

In the last chapter we discussed precession as a wobble in the Earth's axis. We also said that the best way to visualize it would be as if the Earth itself had a giant axle extending through it north to south. If you wanted to duplicate precession, you would need to slowly "grind" the Earth around in a circle, traveling the opposite direction from how it was rotating. After completing one circle, you would have the equivalent of 25,920 Earth years. In *Hamlet's Mill*,

de Santillana and von Dechend show how this conceptual idea was revealed over and over again in ancient mythologies all over the world as the concept of a grinding mill, or a very similar metaphor. Before the modern niceties of threshing machines and the like, almost every culture on Earth would have needed to build mills to grind their grain for bread making. So, the metaphor was easily applied and familiar to the people it was given to.

If this was the full extent of the "precession connection" in these ancient myths, it might still appear to be easily shrugged off. But the key fact, explained so well in Hancock's *Fingerprints of the Gods*, is that the fundamental harmonic numbers of the precession themselves are also encoded into the myths. Numerous examples of this are presented. Also, these myths also invariably have the concept of the mill itself breaking down and causing great catastrophe, similar to the pole shift at the end of each cycle.

Those who are interested are invited to consult Hancock et al's work for more information. In the case of Hamlet's Mill, it is something far too intricate and involved for even the world's finest academic historians to tackle in most cases. All that we need to know now is that for some unknown reason, a very specific set of information regarding the precession of the equinoxes was carefully encoded in mythologies all over the world. We also know that both Cayce and Ra's readings made a direct connection between the precession and a heretofore-unknown "solar cycle" which precisely matches the precession in the length in years.

Scientist and mathematician Maurice Cotterell did just that, discovering a long-term cycle in the solar flares, or sunspots, which fits in very neatly with the exact same number of years as the precession. This cycle was discovered through a careful, scientific study of information from the Sun obtained via satellite. As we shall see in just a moment, Cotterell discovered this information through strictly scientific means, not myth, metaphysics or psychic "channeled" material. Obviously, since he made the discovery in the mid-1980's, it could not have been known by Edgar Cayce or Carla Rueckert of *The Ra Material* beforehand. It is equally unlikely that the scholarly Cotterell is aware of either of these connections, as they are never mentioned in his books.

In order to determine the statistics for a solar cycle of any conceivable length, you need to start with some very specific measurements of how the Sun's various forces interact with each other. Cotterell had access to satellite data that provided him with just that information. What he did was to compare the known speed of rotation at the Sun's equator against the known speed of rotation at the Sun's poles. Because the Sun is a gaseous, fluid body, it moves quicker at the equator, and slower at the poles. It is the same analogy as if you stir up a big pot of soup. Where you stir it in the middle, the soup moves very fast, but it moves much more slowly around the edges of the pot. When we expand this information out to the Sun, the satellite data confirms that it takes 26 Earth days for the Sun to make one full turn at the Equator, and 37 Earth days for the Sun to make one full turn at the poles.

Obviously, there have to be points where these two spinning cycles would intersect and land at the same point. This would be the basis of determining any cycle through which these magnetic fields might be operating. Cotterell

determined that the two variables would intersect every 87.4545 days. So, he decided to take "snapshots" of the solar data only when these two cycles intersected. He called this unit of 87.4545 days a bit. The next step was to compare the angular positions of the Sun's two fields at each "bit" against the period of one Earth year, namely 365.2422 days. The Earth year would be our only solid time reference here on Earth to compare and accurately measure the interaction of these two variables. So, Cotterell took each "bit" of these three figures and crunched them together with a supercomputer that he had access to at his new job at Cranfield Institute of Technology, now Cranfield University.

As the output churned out, Cotterell had the shock of his life. Here is the quote from *Mayan Prophecies*:

The computer plugged away at its sums for several hours before eventually spewing forth its vital data in the form of a graph. What came out was sensational. In a long printout of jagged peaks and troughs, looking like some erratic heartbeat, a rhythmic cycle could clearly be seen. This graph of interaction had the fingerprints of whatever it is that drives sunspots - for what could clearly be traced was an 11.49-year cycle marking periods of intense activity. This, however, was not everything. There were clearly other cycles implied by the graphs, spanning much longer periods of time.

And here, we will include a sample of the first of Cotterell's graphs in order to help visualize what he saw, and how it was eventually charted:

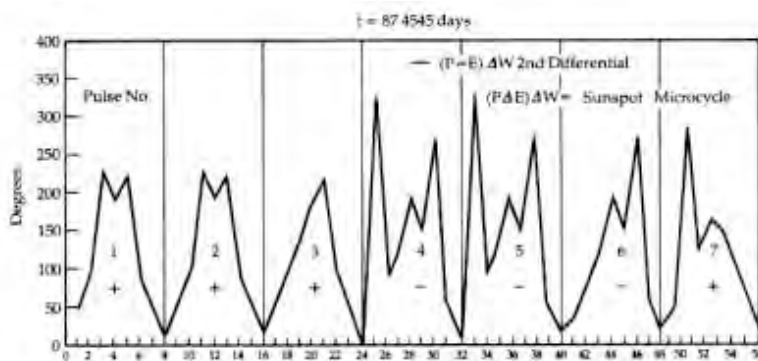
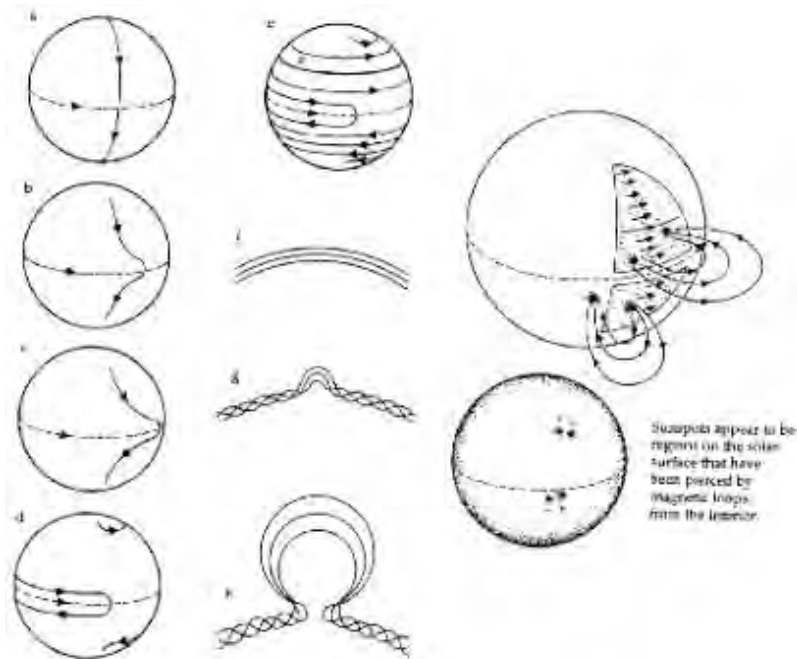


Figure A34 The first seven microcycles of the 187-year cycle

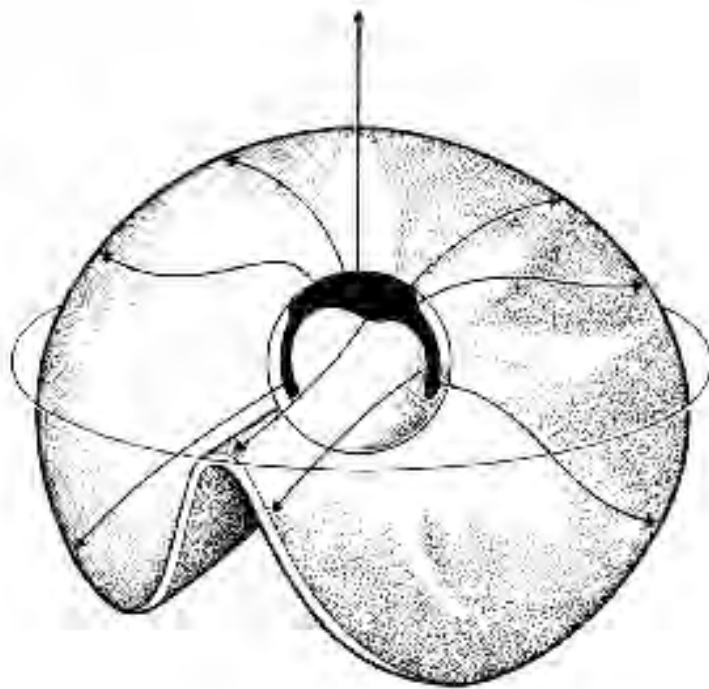
Before going further ahead, we remind the reader that Cotterell's definition of sunspots, shared by many other scientists, involves seeing the magnetic lines of force on the Sun as though they were actual "wires" being subject to intertwining. Some of these "wires" would run North to South, and others East to West. So, as the Equator spins at a faster speed than the poles, so too will the vertical and horizontal lines of magnetic force continue to twist and tangle up into each other like a giant braid. When the tension gets too high, there is a sudden snap, releasing the pent-up energy. This spontaneous release is visible as a sunspot, which usually shows up in two nearby places at once. These two spots correspond to the two edges of the sudden arc that is created when the magnetic, twisted braid of energy "snaps" out of the Sun. So, about every eleven years, the intertwining magnetic fields on the Sun reach their maximum tension, producing the highest number of visible sunspots on the surface.



So, in analyzing the traffic of these intersecting magnetic fields, Cotterell was able to produce a graph, based on 87.4545-day units or bits. The first thing he saw is that the period of 8 bits, nearly 700 days, seemed to be very significant, and he called this a microcycle. Then, by taking six microcycles or 48 bits, he arrived at a longer cycle of 11.49299 years - a figure that was extremely close to the 11.1-year average given by mainstream science for one "regular" sunspot cycle.

As Cotterell looked closer, he could see that the entire graph would repeat itself after 781 bits of time. This was one of Cotterell's fundamental discoveries, adding up to a period of 68,302 days (or 187 years) that he called the sunspot cycle. This amounted to 97 microcycles. (We remember that each microcycle was 8 bits in duration.) Cotterell discovered to his own surprise that five of these 97 microcycles were actually longer, containing 9 bits instead of 8. This led him to realize that this entire cycle was also shifting, and therefore indicating something even greater.

Cotterell attributes these slow-moving solar shifts to what is known as the Sun's warped neutral sheet. This is a known area near the Sun's equator where magnetic North and South are in a precise equilibrium of balance, essentially canceling each other out and producing a null zone. Cotterell already had access to the latest research on what this sheet was believed to look like. Based on the complex interaction of the Sun's different magnetic fields, we can see that it appears as a sort of giant, spherical fortune cookie placed over the top of the Sun, with the points facing straight down.



In the book, Cotterell

says that:

It seemed that the neutral sheet shifts by one bit every 187 years and that a particular shift bit would therefore shunt along through the whole sequence of 97 microcycles in a period of 97×187 or 18,139 years.

[So, in visualizing the "shift" in the neutral sheet, you could say that every 187 years you move your fortune cookie one bit to the right of its original starting position.]

This great period of magnetic interaction between the sun and Earth seemed to be the most important of all. It was, however, divided up unequally into three periods of 19 sunspot cycles and two of 20, making 97 in all. It seemed that each time one of these periods came to an end, so the Sun's magnetic field reversed. At last Cotterell seemed to have hit on what he was later to see might have been some very ancient knowledge.

So, this "most important pattern" of either 19 or 20 sunspot cycles appeared to control when the Sun's own magnetic poles would shift. The crucial 20-cycle length of time involved is precisely 1,366,040 days, or 3,740 years. [As stated above, the pole shift actually alternates between 20 sunspot cycles at 3,740 years or 19 at 3,553 years. This actually produces a much better fit with the precession numbers, as we shall see in a moment.] We will demonstrate very soon that this same exact cycle of 1,366,040 days was known and watched by the Maya. It seemed that when the Sun's own poles destabilized and shifted, the Earth was subject to serious cataclysmic activity. The Maya wanted to be good and ready for it.

This Sun-Earth connection is very mysterious and by no means "common" scientific knowledge. It suggests a larger force of energy that is operating on, or through, the entire solar system. The question becomes this: if these sunspot cycles end up having an effect on the Earth's relative stability or lack

thereof, we must speculate that the Sun's forces are somehow causing these inundations. And based on our new understandings of aether energy and its changing harmonic concentrations, sunspots, or a greater function involving them, seem to exert control over the Earth's magnetic field, which then affects Earth's position in space. The Sun's gravitational energy is also hyper-dimensional energy as well.

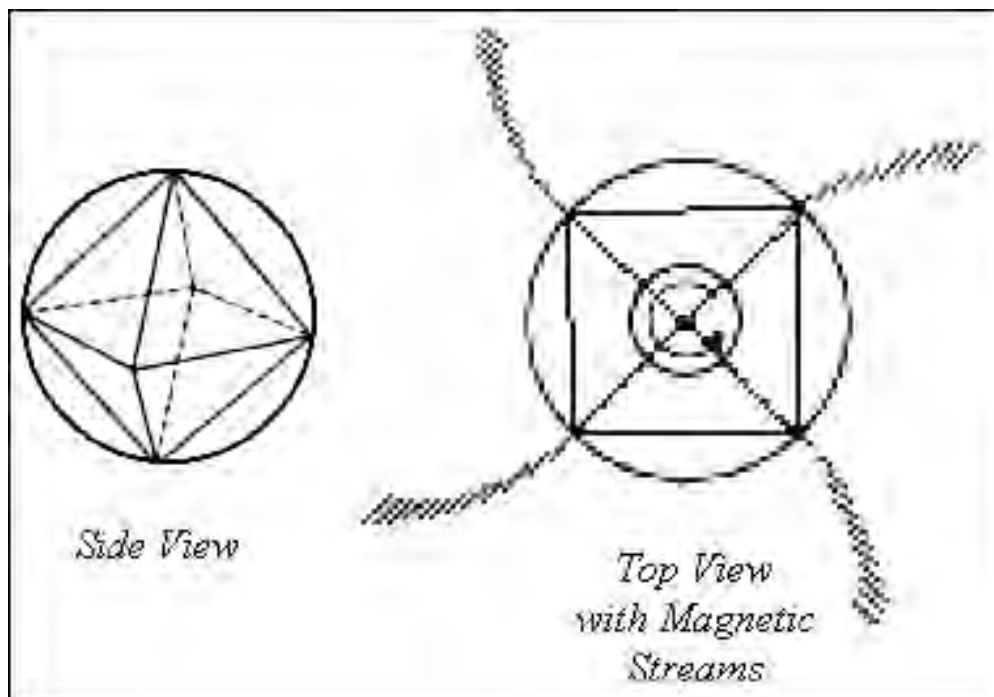
Sunspots are usually considered to be nothing more than magnetic disturbances, but Cotterell ties in the energy particles emanating from the sun to astrology, believing that the changing solar particles themselves have an effect on humans. Indeed, Cotterell and Gilbert's book *Mayan Prophecies* shows many amazing coincidences between the peaks and troughs of the sunspot cycle that Cotterell discovered and other seemingly unrelated phenomena. This includes the degree of Carbon 14 radiation seen in tree rings year by year, the average yearly temperatures of the European climate, the severity of northern European winters, the advance and retreat of alpine glaciers, and, amazingly, the rise and fall of civilizations.

It seemed that as the levels of C14 radiation decreased, the sunspot activity increased proportionally, and during these periods,

...it seemed that high solar activity... correlated exactly with the growth of powerful, sophisticated civilizations. Low sunspot activity seemed to be linked with periodic 'Dark Ages', which are marked by a general decline in the level of cultural achievement that has coincided with the fall of important civilizations.

Thus, from this we can see that Cotterell's theories suggest that solar radiation somehow has an effect on human consciousness, and in fact the growth and development of human civilizations as a whole. In Cotterell's model, it is a physical effect caused by three-dimensional particles of radiation that effect humans and weather in very similar and mysterious ways. Yet, it is still unclear exactly how these periods of radiation cause people to essentially become more intelligent and make great advances, while simultaneously affecting weather "advances" on the Earth. Already we can see the case forming for the Sun's energy being hyper-dimensional in nature, bringing in higher consciousness. This hyper-dimensional increase reaches its full breaking point at the moment of Ascension, when we fully enter into an area of higher aetheric density and a faster relative speed of light.

Cotterell likewise explains personal astrology in this solar radiation-based model. This does appear to have profound implications for Sun-sign astrology, or the basic effect that being born in a certain sign, or a certain month in the year, has on the personality. Cotterell shows that the Sun has two basic magnetic fields, one of which essentially divides the sun lengthwise, like a pie, into four equal quadrants. If we think for a minute about what this actually reveals, it is showing us that there is an octahedron "harmonic" inside the sun, with one tip for each pole and four evenly spaced around the equator (See image.) According to data from interplanetary spacecraft IMP1 1963, the equatorial stress points from the octahedron that form this four-way magnetic field cause the Sun to have a "sprinkler effect," showering us with differently charged particles each month. Thus, each month could basically be "positive" or "negative," based on what we now know to be octahedral streams of energy. (Cotterell did not point out the geometry in this.)



Cotterell

goes on to show a perfect correlation between the positive ion streamings and extroversion, or outgoing personalities, and similarly, negative ions and introversion, or personalities more drawn into themselves. This correlation was demonstrated by the Mayo / Eysenck study. Jeff Mayo was an astrologer who collaborated with Dr. Hans Eysenck, the "father of the IQ test," to demonstrate this elusive and interesting point. The participants took a personality assessment of introversion / extroversion tendencies, and this data was then compared against their "natal sign." The study demonstrated an extraordinarily high correlation between these two variables, for a relatively huge subject pool of over 2000 participants.

Cotterell also warns us about the effect that sunspots have on our electrical, gravitational and radio systems. In *Mayan Prophecies*, he discusses a huge solar flare spewing X-rays that was witnessed on March 5, 1989, lasting for 137 minutes. Scientists from the Geological Survey Group in Edinburgh believed it to be the largest event of its kind in the 20th century, overloading the sensors they used to observe it. Cotterell indicates that sunspots were seen at the site of the flare shortly afterwards, showing a clear link between the two solar events. [These two solar forces haven't been directly associated with each other in the past, and this event supports Cotterell's theory that the sunspots are related to magnetic and radiation disturbances. The "flare" would be the visible breaking of the tension in the magnetic lines of force, followed by the sunspot.]

But what followed was even more interesting. Three days later, on March 8, the sun began emitting a very large stream of protons, or positively charged particles. Cotterell indicates that the Earth's magnetic field deviated by eight degrees within a few hours of this, compared to a normal deviation of only 0.2 degrees per hour. This event directly led to sightings of aurora borealis in very uncommon areas much farther south than normal, massive power surges that destroyed power grids in Canada and caused widespread damage, and a total scattering of radio waves, knocking out satellite communications.

And now, in the present moment, growing contingents of astrophysicists are predicting major failures in our communication systems, surrounding the year 2000, right during and after the time when this book will be published. The typical 11-year sunspot cycle reaches its peak in 2000, and based on current observations, we can expect some very serious solar effects as a result. We have already seen these effects occurring to larger degrees, including the 1998 shutdown of the Galaxy 4 satellite, which resulted in the widespread failures of pagers all across the United States. The energy should only become more and more intense as we go along.

So, with our brief overview of something Cotterell explains in much greater detail, we are starting to see a previously undiscovered law of nature at work. First of all, we have clearly seen the octahedral geometry at work in the positive and negative ion streamings emerging from the Sun, thus once again showing us these forces at work in the Solar System on a large scale. The Sun not only affects our weather patterns and the Earth's magnetic and polar stability, it also affects the progress that we make as societies. With these higher points of progress must also come greater creativity, intuition and insight, those very human traits necessary to bring about massive social change. These social changes could be lumped into the elusive category of "spiritual growth." There would obviously be a correlation with major advances in society and major personal advances in individuals. Spiritual growth is the founder of insight, inspiration and motivation, the breath of the Divine moving upon the still waters of the human psyche. Humanity is passing into the fourth density.

So we can now demonstrate that the output of energy from the Sun is directly linked with spiritual advances in humans. We can also see that this mysterious sunspot cycle is related to the Earth's 25,920-year precessional wobble, and no one seems to have figured out why. What we are postulating here is that there is a very good reason why the sunspots and the precession coincide; both of them represent the larger, multidimensional cycle alluded to by Cayce and Ra. This cycle is very mysterious, and we will continue to see through the course of this book that its purpose is to set a schedule for the ultimate spiritual advancements - Dimensional Shifts, the stuff of pure alchemy; changing matter from one vibratory phase to another. This is the "physics of Ascension."

Obviously, if we believe any of the material regarding Atlantis and even more ancient civilizations, it would seem that intelligent human life has been through at least one of these "shifts" in the past. Interestingly, many authors including Graham Hancock, who wrote *Fingerprints of the Gods*, insist that the ancients knew of this grand cycle and did everything they could to preserve the information in order to warn us. Warn us, you ask?

Definitely. The author's own contacts, along with other mystical sources, indicate that this 25,920-year cycle is sort of like a breath; the Sun "inhales" for ~12,500 years, stops, then "exhales" ~12,500 years. Each separate breath of the cycle is seen to end with a "shift point." Indeed, we should be well-reminded of other "breathing" phenomena in the multidimensional universe, namely the pulsations of the Consciousness Unit. When this shift point in the Sun's breath happens, the Sun's magnetic energy fields shift simultaneously with the Earth's, and huge, epic changes go along with it; changes that many naturally interpret as whole-scale disaster if they don't

understand what happens to us in the process. Indeed, the last three major recognized polar displacements were roughly 84,000, 50,000 and 12,500 years ago, as seen on pg. 139 in Chatelain's "Ancestors," which we shall discuss in the next chapter. While the first number is not exact, we can see the close correlations. This is a necessary part of the functioning mechanism of this dimensional transition that Ra and Cayce were referring to.

In the Ra Material, for example, it is stated that the Earth will most likely shift approximately 20 degrees to accommodate the new "fourth-density" energy streaming in from the Sun, but they also said that these Earth Changes were "very, very trivial." Even though the Atlanteans did not make it through a similar shift, we cannot automatically assume that we have been given a death sentence.

GREGG BRADEN AND THE SHIFT OF THE AGES

If it is true that the Sun is leading us through an unprecedented degree of change, we should expect all sorts of anomalies occurring in the Sun, as well as in the Earth itself. Much of this sort of data can be found in the work of professional geologist and metaphysical researcher Gregg Braden, *Awakening to Zero Point*, also available from Laura Lee Publications. So, let us cite a few examples of these anomalies.

The first thing that immediately struck this author upon seeing Braden's video was that he cited scientific evidence that the iron core of the Earth is not actually molten; it behaves more like a crystal. What is even more interesting is that this core assumes the precise shape of a dodecahedron! So far we have not been able to find an image on the Internet to go along with the information, as this obviously is not being publicized -- too many people would start asking too many questions. It does, however, help us to see that the internal core of the Earth can have a separate "consciousness unit" frequency than the external, and these forces have actually created the shape precisely instead of simply shadowing it with the alignment of the continents.

The core of Braden's work addresses the fact that as we head closer and closer to the end of the cycle, fundamental measurements of the Earth that were once thought to be constants are now being seen to change very rapidly. The first "constant" is the relative field strength of the Earth's gravity, measured in "gauss." We have set a theoretical scale of 0 through 10 gauss in order to measure the Earth's magnetic field strength, 0 being the weakest and 10 being the strongest. We can show through fossil and mineralic records that at certain times in the past, the Earth's gravity field was at 10 gauss. 2000 years ago, it was at 4 gauss. However, as of mid-1998 it was down to 0.4 gauss, continuing to sink at a truly incredible rate of speed.

The second "constant" to explore is the frequency, or rate of vibration, in the Earth's magnetic field. This value is represented in hertz. For a long period of time, the Earth's "heartbeat" of magnetic vibration was thought to be set squarely at 7.8 hertz. This heartbeat was important enough to the proper functioning of our bodies that it was incorporated into space travel for astronauts. Small onboard machines were designed to emanate this same magnetic vibration, in order to keep the astronauts' bodies from experiencing trauma. We now know from Gregg Braden that the Earth's own heartbeat has suddenly risen up to as high as 11.2 hertz, and in some places on the planet is

has gone up to 14! At the time he produced the Awakening to Zero Point video in 1996, it was measuring at 8.6. Clearly, things are "speeding up" at an incredible rate.

Furthermore, it is also a well-known fact that the Earth's magnetic field is making some changes just in its own polarity. Most people are well aware that the Magnetic North is offset significantly from the Rotational North. However, we never stop and realize how strange and in some ways unsettling this really is. Furthermore, we now know that this is changing faster than ever before. Indeed, within just the last few years, the Magnetic North has been moving so fast that airport runways have to be completely redrawn in order to provide safe landings for the pilots. As everyone knows, the main navigational instrument for air travel is a compass, which measures the location of Magnetic North. Now that it is changing, serious and costly adjustments are being made at airports all over the world.

These facts alone suggest that the Earth is destabilizing in a rapid format. The gravitational field is losing strength very rapidly, meaning that gravity is not balanced. The increase in the pulsation rate from the "constant" of 7.8 hertz also shows us that the Earth's magnetic field is destabilizing or "wavering." Not only that, but the effects of El Nino and La Nina show us that the Earth's interior is heating mysteriously, then showing up in the oceans. This was also predicted in The Ra Material back in 1981, through the following quote, which is also reproduced here in Chapter Two:

This [planetary movement into fourth-density] is going to occur with some inconvenience, as we have said before, due to the energies of the thought-forms of your peoples which disturb the orderly constructs of energy patterns within your Earth spirals of energy which increases entropy and unusable heat. This will cause your planetary sphere to have some ruptures in its outer garment while making itself appropriately magnetized for fourth density. This is the planetary adjustment.

So, according to sources like Ra and the work of Gregg Braden, the current position that we hold in space is no longer going to hold us; the Earth will have to make an adjustment in order to right itself. As we have previously indicated, Charles Hapgood called this process "Earth Crustal Displacement," where the entire outside of the Earth's crust slips over the molten inner core all at once. As is written in Fingerprints of the Gods, none other than Albert Einstein bolstered Hapgood's theory. And Braden explains that at every time in the previous historical record when the magnetic field strength has decreased and the gravity pulsations have increased, a polar shift has been the result.

Furthermore, as geologist William Hutton points out in ARE Press's book Coming Earth Changes: The Evidence, it was recently discerned that the inner, dodecahedron-shaped core of the Earth is rotating at a faster speed than the outside. This in itself suggests a more complex interplay of forces in the Earth than we had ascribed to it before. But what is more important is that this same study also revealed that this fast-moving inner dodecahedron has already significantly displaced itself from the angle of rotation for the outside of the Earth! In other words, the inner magnetic poles of the Earth have already shifted, and are now on a separate angle of tilt! Thus, the inner core of the Earth could very well be setting a precedent for the future position of

the outside as well. As we move towards this new position, Magnetic North continues to drift more and more quickly in that direction, before the big, groaning adjustment actually takes place.

Both Hutton and Laura Lee Publications' own Michael Mandeville indicate that a good case can be made in the Cayce Readings for this inner Earth "pole shift" as having occurred in 1936. There are repeated references in the Readings to some major Earth Change event that would take place in 1936. The eerie calm in that year didn't seem to make sense, based on Cayce's remarkable accuracy in all other areas. According to Cayce's readings, once this inner shift happened it was inevitable that the outer crust would also have to move in tandem. Again, Ra says that this movement should be approximately 20 degrees. Wilcock's deep-trance reading from Jan. 1999 also indicates that the Earth will indeed have to make this transition, and that more devastating earthquakes will follow as it occurs:

True to form, the spherical mass of gravity will become more regularized as a constant in the approaching months and years. In order to do this, it has to renew and revivify the connection to the instreaming fourth density positive solar energy. This comes about indirectly through the polarity of the inhabitants, and more directly through the inevitable realignment of the global grid itself. This aspect of change is not necessarily malleable, although with the harmony of the inhabitants, it can be met at a much slower speed, hence much less disastrous. [53-29]

But again, we are not dealing only with a phenomenon in the Earth; we are talking about a Solar Cycle as well. The data from the Sun also suggests that an epic change is on the way. Braden also points out that the Ulysses probe made the startling discovery that the Sun's own magnetic North and South poles are no longer detectable as of 1995! In addition, there has been a continual and incredible increase in the amount of solar flares, X-rays and proton storms year by year. These increases are so profound that they have often ended up being completely off the scale of the measuring equipment that our scientists had built to observe them. The SOHO satellite has been our main connection to observing these phenomena, and in 1998 it went down at least twice, ostensibly due to the increasing irregularity of the Solar radiation. These issues surrounding SOHO and the solar storms are very eloquently covered on Kent Steadman's ORBIT site, www.orbit.com.

CYCLE SHIFTS AND THE MAYAN CALENDAR

Enter the Mayan Calendar, a mysterious measurement system that was discovered carved into a giant stone disc in Mesoamerica. The Mayan Calendar was quite inexplicable to those who found it, as it meticulously charted a 1,872,000-day cycle, and at first no one could figure out why. The cycle was broken up into varying units of length, each with a separate name. One Earth day was a kin. 20 days was a uinal. 18 uinals added together gives us 360 days, which was called a tun. Twenty tuns added together gives us 7,200 days, which was called a katun. Twenty katuns added together gives us 144,000 days, which was called a baktun. So, the final structure of the Mayan Calendar was then comprised of 13 baktuns of 20 katuns each, leading us to a total of 1,872,000 days, or almost precisely 5,125 years. Right away, the harmonic, Gematrian quality to these numbers should be very easily visible.

The "conventional wisdom" on the Mayan Calendar still has not come up with any satisfactory explanation for why these particular lengths of time are so important to the Maya, particularly the 5,125 years. However, Cotterell might have been the first to notice that five of these Mayan Calendar cycles add up to the same ~25,920 years as the precession itself. Do we then assume that the Mayans were aware of the precession? If so, why did they chart it out so meticulously, and why only one-fifth of the entire period of time?

If the reader will remember, we had discussed earlier in this chapter that Maurice Cotterell had made a major discovery concerning the number of years necessary for the sun's magnetic poles to shift. He called this the "sunspot shift cycle," and gave it a value of exactly 1,366,040 days in length. It was precisely calculated through the graphing and mapping of the intersection of the Sun's orbit at the Equator of 26 days against its orbit at the poles of 37 days. This discovery was made as a result of satellite technology, combined with the best supercomputer number crunching that was available to Cotterell at the time; a product of modern, late 20th century technology as we strive further towards "outer space."

As unbelievable as it must seem to the uninitiated, Cotterell later discovered the exact same measurement as the sunspot shift cycle in ancient Mayan writings; the enigmatic figure known as the "super number" in the Mayan work entitled the Dresden Codex. Amazingly, he showed that when this "super number" was held up against his own sunspot cycle, [after giving it one balancing adjustment that we will discuss,] the two measurements were mathematically identical! Now this should certainly raise a lot of attention! How can our current models of history possibly explain something like this? As we have said, it was clear that the Maya had a vested interest in keeping their eye on this cycle, as it would lead to inevitable cataclysmic activities on Earth. They obviously knew about the Sunspot Cycles that were at work, or else they wouldn't have these exact, scientific numbers.

Therefore, Cotterell's research is actually nothing more than a rediscovery of something that was already known; something that even our best equipment had yet to betray to the minds of the mainstream scientific community. Remember that it was Cotterell's own ingenuity that led him to discover this cycle, and it has yet to be "officially" recognized by astrophysicists.

So, the time charted by the Mayan Calendar was obviously held as being even more important of a cycle than the Solar pole shift -- the Solar pole shift number was only found in a codex, whereas the Mayan Calendar figure was the end result of their entire calendrical system of measurement. The Mayan Calendar fits into the precessional cycle by exactly one fifth; in other words, if you multiply 5,125 years by 5, you get 25,625 years, which is very close to 25,920. Amazingly, and obviously meaningfully, Cotterell's "sunspot shift cycle," which is also a Mayan number as we have just said, also fits precisely into the precessional cycle of years; this time, it is exactly one seventh of the entire cycle. This is an extremely significant discovery that no other researcher besides Wilcock has been calling attention to, as it is buried in the appendix of Cotterell and Gilbert's book. So again, five Mayan Calendar Cycles and seven Sunspot Shift Cycles both add up to an identical figure -- the precession of the equinoxes. And, it is this 25,920-year figure that both Cayce and Ra indicated as being of penultimate importance to us all.

If you remember, Cotterell's Solar graph would repeat itself after 781 bits of time, which was 68,302 days in length. He called this 68,302-day period the sunspot cycle. He also determined that units of 19 or 20 of these sunspot cycles were directly correlated to solar pole shifts. The basic solar pole shift cycle was 1,366,040 days in length. Cotterell shows that the Maya also knew that units of 260 days could be added to a cycle in order to provide the "shift differential operator" [SDO] that would allow these cycles to expand into their larger counterparts. The number 260 was very sacred to the Maya, so sacred that they even gave it a name -- the tzolkin. We will see this number more in the next chapter, as it was one of two main cycles used to count the number of days on Earth, allowing them to chart out ten rotations of the Sun's equator at 26 days each. Cotterell's discovery of its importance helps us understand why the Maya were so interested in it -- it directly transforms or shifts lower-order cycles into higher-order cycles. So, the Maya took two SDO or tzolkin units of 260 days to shift the solar pole shift number into their own Codex number of 1,366,560 days.

In again illustrating the connection between the solar pole shift cycle, the Mayan Calendar cycle and the precessional cycle, we will let Cotterell's own words speak for themselves. This is listed on Page 300 in Appendix 7 of Mayan Prophecies:

By flagging the number of 1,366,560 the Maya introduce us to the shifting nature of the neutral warp and solar magnetic reversals. So by flagging the number 1,872,000 [the 5,125-year Mayan Calendar cycle,] the Maya draw attention to:

i) The precession

ii) That the moment of seven collisions (5 during 97 shifts, followed by two during the next 39 shifts) following cycle commencement, is in some way significant, in collision terms.

[The collisions Cotterell refers to here are the times when the 1,366,040-day Sunspot Shift Cycles collide with each other. Cotterell then shows how these numbers add to a precessional cycle that is slightly shorter than the common 25,920-year figure, at 25,627 years. (260 days are added to the value of 1,872,000 x 5 as a natural part of the shift cycle.) We then move onto page 303, where Cotterell explains why the Maya might be flagging this number:]

So perhaps the whole point of the 1,872,000 cycle is to convey the message of pole shift or the earth tilts on its axis.

This is exactly what we are seeing in the material presented in Hamlet's Mill and other sources, including the Cayce Readings. The precessional cycle itself seems to be connected to periodic cataclysms on Earth. Thankfully, we have other evidence that points towards this being more than just a case of everyone dying and being wiped off the face of the planet; we have a clear link in prophetic materials to the concept of the passage into the fourth-density. Furthermore, with Cotterell's data, we now have achieved what we were looking for: a direct connection of all this information to measurable, scientific cycles of time in the Sun, as well as evidence linking the numbers to an ancient civilization.

Clearly, the Maya put a great deal of work into this cycle, and it appears from their own writings that they were at least partly trying to warn us that this cycle causes periodic, massive cataclysms. And the near-unanimous conclusion is that the end date of the Mayan Calendar is December 22, 2012. The Ra Material indicates that the Earth will have become completely fourth-dimensional by this point. The French have calculated that the Earth will pass into the Age of Aquarius at this point.

However, Cayce talked of 1998 and 2001 for the solar cycle, not 2012. Indeed, untold multitudes of reliable intuitive predictions seem to center on the few years surrounding 2000, not 2012. This is covered quite well in A.T. Mann's book Millennium Prophecies and Charles Berlitz's Domsday 1999 AD. It also is obviously a featured aspect of Bible prophecy, as indicated in works such as Hal Lindsey's The Late Great Planet Earth.

Again, 2012 seems relatively close, time-wise, to these predictions, but yet that date was almost never mentioned in any of them. The notion of Ascension appears, based on other sources of prophecy, to be out of sync with 2012, and very much in sync with the early years of the New Millennium. So, we may certainly speculate on the possibility that we will not wait as long as we might have otherwise believed.

What we do know is that the approximate time for the turning from the Age of Pisces to the Age of Aquarius was calculated in France as ~2011 AD. Since the ages of the zodiac represent the Grand 25,920-year Cycle of precession broken up into 12 units of 2160 years, it would make sense that as we go from Pisces into Aquarius, so too would the Mayan Calendar hone in on that same period of time for the transformation.

The work of John Major Jenkins in Maya Cosmogenesis 2012 has expanded our knowledge about why the Mayan Calendar may have targeted Dec. 22, 2012 as the date. Indeed, this piece of information may be the entire key to understanding why our own local area of "energy density" will peak out in its increase at this time. Jenkins has clearly shown that in the slow movement of precession, the Earth comes into alignment with the center of the Milky Way Galaxy at this "triangulation point" in 2012. Many of the Mayan myths, including their dramatic ball-court games, appear to have targeted this moment as the time when Earth is fully aligned with the womb of the Cosmic Mother, our Galaxy. Obviously, this womb signifies rebirth, and that is exactly what we are going through, based on the explicit guidance given to us in the Cayce Readings, and even more so in the Ra Material. Ra makes it clear that all of these cycles have to do with our relative position in the Galaxy, and that our Earth is definitely being reborn.

Based on aether theory this idea of changing energy density relative to the Galactic Center is not hard to see. In aether theory, gravity itself is nothing more than the streaming "aether wind" of the background energy that is going in to create a large body like the Earth moment by moment. In this model, as we walk the Earth we are like mosquitoes traveling along a screen window that air is blowing in through. It is the actual movement of intelligent energy, according to Ra and many other sources, that creates this effect. In Convergence: The Physics of Ascension we will have a great deal more to say about this. For now, the most important point for us to realize is that the center of our Galaxy would obviously be the greatest force for this

instreaming cosmic energy. So, it is logical to assume that as the Earth becomes most precisely aligned with this central source of instreaming energy, we would also be most explicitly affected by its higher concentrations. This gives us a firm model for visualizing a movement into an areas where the Speed of Light, Time and spiritual vibrations in general are at their highest point, hence causing changes for us in our own Solar System.

In the next chapter, we will start to uncover the deeper aspects of this Solar Cycle's function -- aspects that involve the orbits of the planets. This information will show us how the harmonics of the vibrating "fluid" of intelligent energy or aether will create very precise movements in the planetary orbits. Since the planets are a fundamental and interconnected part of this harmonic fluid, and they are in vibrational movement, we will see that their exact orbits should also be a function of vibration. What we might not have expected is how incredibly precise this function turns out to be.

CHAPTER 17: THE AMAZING SYNCHRONICITY OF CHATELAIN MAYAN CALENDAR

Now, we check in on Maurice Chatelain. This chapter focuses on Chatelain's work in attempting to fit the fundamental counting unit of the Mayan Calendar, the ~20 year katun, into the conjunctions of Jupiter and Saturn.

Even though we can demonstrate that Chatelain was wrong, the mathematical connection between the cycles graphed by the Maya and the Jupiter-Saturn conjunctions is undeniable.

This lends considerable support to the idea that the millennial period will be a major "gateway" time as we head closer and closer into becoming a fourth-dimensional planet.

CHAPTER 17: THE AMAZING SYNCHRONICITY OF CHATELAIN'S MAYAN CALENDAR

Perhaps the single most interesting thing that we come across as we get closer and closer to understanding this solar cycle is the triangulation on the period before and after the year 2000. There are endless numbers of apparently reliable prophecies pointing to this discrete period of time as a point of major change. The Cayce Readings, referencing what has to be the exact same solar cycle as indicated by Ra and the Mayan Calendar, called attention to 1998. The question we must then ask ourselves is this. If 2012 is supposed to be "it," then why are so many prophecies focusing on a time that is significantly earlier than this?

If we look at the Great Cycle strictly from the perspective of the sunspots, we might then assume that the interest in 2000 could stem from the fact that the smallest "sunspot cycle" is known to operate in 11-year increments. We know that this 11-year cycle has an effect, disrupting radio communications and increasing solar particle emissions. Current calculations place the next sunspot peak date as occurring in May of 2000. That fact alone suggests strongly that there is a connection, as most people are well aware of the May 5, 2000 planetary lineup that will occur. This was made public in the opening episodes of the TV show "Millennium," as well as Richard Noone's 5 / 5 / 2000: Ice, The Ultimate Disaster. Furthermore, in a 1999 Email conversation between Wilcock and John Major Jenkins, the author of Maya Cosmogenesis 2012, Jenkins revealed the following:

In Maya Cosmogenesis 2012, my position is that the Maya intended their 13.0.0.0.0 date (December 21, 2012) to mark the alignment of the December solstice sun with the Milky Way. This occurs every 13,000 years. The Egyptian Zep Tepi material refers to the time this last happened. At that time, the December solstice sun was lining up with the thin and diffuse part of the Milky Way that runs through Gemini. That is the direction out of the Galaxy. Now, around 2012, the December solstice sun is lining up with the opposite part of the Milky Way - the part that runs through Sagittarius - where the Galactic Center happens to be. Vedic astronomy summarized by Sri Yukteswar in The Holy Science, though phrased in a rather obscure way, suggests the Vedic Yuga doctrine recognized the solstice-galaxy alignment as *the* transformative event in the cycles of human consciousness unfolding...

I think the entire transformation zone will be a process-oriented thing. You're looking into the details and identifying likely trigger points. The May 2000 date you mention is also significant because of the Sun-Pleiades-Zenith alignment over Chichen Itza's latitude. This latitude is 19.5 degrees, which is significant via Earth Grid Theory and the Platonic solids. Geographically, Yucatan is the tail of the serpent; it is where the Sun-Pleiades vibration descends and incarnates. On the exact opposite side of the globe, at the same latitude, we find the Mouth of the Ganges - the mouth or birth canal of Ganga, the Vedic Milky Way goddess. I believe this accentuates a 13,000-year astronomical process, mapped onto the Earth. The tail-mouth polarity is found in the reconciliation of the Galactic and Zenith cosmologies as proposed in my book, a reconciliation which culminates (cosmologically speaking) with the Galactic alignment of the early 21st Century.

At the time of this book's publication, we are only weeks from this date -- and based upon the way that everything "feels," we do not expect that anything overtly major will happen. There may well be earthquakes, as in the prior conjunction of Aug. 11, 1999, where there was a Grand Cross planetary conjunction in the sky as well as a total solar eclipse at exactly 11:11 a.m. GMT, we experienced a severe earthquake in Turkey only six days later. This earthquake occurred in the exact path where the eclipse had traveled over the Earth, and hence over the Earth's Grid also. We had predicted that there may be Earth Changes caused by this, and we were right. The image below was taken in England at exactly 11:11 a.m. GMT, showing the Sun in full corona.



The Great 11:11 Conjunction

The fact that the Aug. 11 conjunction occurred at 11:11 a.m. did not seem to be an accident -- it was a number that many people had been seeing on the clocks for years and did not know why. Revelations 11:11 spoke directly of an energy shift, saying: "After the 3 1/2 days... God appeared on a cloud and said, "Come up here," and they were borne up into the heavens..." According to researcher Joe Mason, the metaphor of the 3 1/2 has to do with humanity's leap from the third density into the fourth. Obviously, nothing happened on that day. It is certainly possible that each of these conjunctions do represent discrete increases in energy, as this author definitely noticed. However, if we are only going to wait for the "final moment" itself, we may be disappointed and not notice all the other important things that are happening to us. The period of May, 2000 is likely to be a similar case.

Elkins never asked the question of the 2000 date in the Ra Material, so we have to find out for ourselves why the Cayce Readings targeted it. We can see right away how neatly this ties in with the Biblical notions of the Second Coming of Christ ushering in 1000 years of peace. It now appears that the church fathers may well have adjusted Jesus' birth to coincide with a date that they expected to be one of great power - the harmonic year 5760 in the Hebrew calendar. 576, of course, is another Gematrian number.

However, the main purpose of this chapter is to illustrate an even deeper aspect of the Solar Cycle that has never before been seen by anyone but the author of this book. We will cite the efforts of another Maurice C., this time not Maurice Cotterell but Maurice Chatelain, a former NASA scientist and astrophysicist from France. The synchronicity between these two names is another interesting "hint" of a connection in some higher sense. In his now rare, out of print book from 1971 entitled *Our Ancestors Came from Outer Space*, Chatelain makes an apparently airtight scientific and mathematical case for the Mayan calendar being dated incorrectly.

Before we explain his case, we need to qualify all of this by stating that we now know that Chatelain was indeed wrong, in one sense. Chatelain reconfigured the Mayan Calendar based on new information that he himself discovered. Even though the reconfigured dates were wrong, the information itself is vitally important in understanding this cycle. What we learn as a result of Chatelain's work is that in order to understand this cycle, we need to watch Jupiter and Saturn, specifically when they go into conjunction with each other. It is for this reason that even greater interest is associated with May of 2000, as Jupiter and Saturn reach conjunction on May 28th, 2000. This will prove to be the "missing link" we were searching for, allowing us to "bump up" to an even higher level of energy.

Remember that Ra refers to the "outward expanding and inward coagulating" energy that is responsible for our Solar Cycle. Ra's quote makes it clear that we have to go beyond simply studying the Sun - this "pulsating energy" would represent the harmonic forces that have organized the entire Solar System in the same way that they organized the Global Grid. Therefore, we do indeed need to consider the cycles of ALL the planets in order to see how this cycle functions. Since Jupiter and Saturn are the largest planets, we can also expect that they will exert the greatest force on this cycle. It is for this reason that we need to pay very close attention to them.

CHATELAIN'S MAYAN CALENDAR

In his book, which actually covers many different subjects, Chatelain discusses the bitter war between the French and the Germans considering the seeming ambiguity of the Mayan Calendar's start date. This occurred when the calendar was first discovered, as there were actually two copies found, and they did not, in fact, precisely agree with each other. It took a great deal of work to finally arrive at the proper starting date. Since so much effort was involved in resolving these conflicting areas of data, Chatelain believed that our now-universal adaptation of the "winning" date set was not necessarily grounded. Chatelain created his own start date to perfectly coincide with a massive astrological event that appeared to lend great credibility to his date system -- at the time he was unaware of the larger-scale solar cycles

involved.

And so, regardless of how it is viewed, the Mayan Calendar is a multifaceted astrological tool, in fact quite ingenuous and very useful once understood. The Calendar is not simply one cycle; it is measured through smaller cycles, which must also be considered. The smallest of these is the katun, which is approximately 20 years in length, at 7,200 days. One Mayan Calendar cycle of approximately 5,200 years consists of 260 of these katuns. This number 260 proves to be the most sacred number in all of Mayan science and mysticism. We will explore the new information that suggests why it was so important as we progress. This number was so crucial and sacred to their understanding of the universe that they actually assigned it a name, calling it the tzolkin.

In order to break the Calendar up into more manageable pieces, they also grouped the 20-year katuns together into groups of 20. Each of these groups of 20 katuns is about 400 years long, or 144,000 days, and the name they created for this was the baktun. (And of course, we are seeing the same Cathie harmonic for the Speed of Light emerge again, this time in a cycle that is measuring time.) Since there are a total of 260 katuns in one Calendar Cycle, we need 13 groups of 20 in order to have everything add up. So, for each Calendar Cycle, there are 13 baktuns altogether.

As we just stated, the tzolkin number 260 is the ultimate sacred number to the Mayans; it is the root of their entire mathematical system and the number of days in their Sacred Year. Their calendar consisted always of two date cycles -- the conventional solar year of 365 days along with the 260-day Sacred Year at the same time. Every calendar date was a combination of these two variables, and obviously the points where they intersect will be constantly changing. All of this is very well covered in Chatelain and Gilbert's *Mayan Prophecies*.

HARMONICS OF THE NUMBER 13

As we shall see, the deeper synchronicities surrounding the number 260 are quite impressive. As our first example, Cotterell indicates that the swirling gases at the Sun's equator make one complete rotation every 26 Earth days. This is an important point, and right away we should be viewing this as having a possible harmonic counterpart in vibration. In order to see how this could be, we remind ourselves that the entire harmonic number series is built upon the "vibrations" of the smallest digits, as they multiply into larger and larger figures. This is a key point that will become more obvious as we study the planetary orbits. All numbers one through eight have specific meanings in the Octave, and nine, ten, eleven and twelve are also very fundamental for different reasons. 13 appears to be the last number that carries a unique vibration before the vibratory properties again duplicate themselves.

We are reminded that many ancient cultures including the Sumerians would use base-12 as a counting system at various times, and in this system the vibrations of the number 13 would represent an octave - the first counting unit on the next "level," just as 10 is the next "level" of the number 1 when using a base-10 system. The vibrations of the number 13 as an octave can be seen on a conventional piano if you were to play a "chromatic" scale, where you go from C to C playing both white and black keys. Each scale will have 12 notes before resolving to the Octave on the 13th. So again, we can see that 26 is a

harmonic number in its own right, only it appears that the Maya were much more aware of it than the Sumerians. According to Ra, they were in touch with different extraterrestrial groups, and this might well explain why -- each group received different pieces of the puzzle.

So again, the Sun's equator rotates in 26 Earth days. Cotterell also demonstrates that ten of these rotations, or 260 days, are pivotal to all higher-level Solar cycles. Therefore, the Mayan Sacred Year of 260 days would be a precise way of keeping track of solar activity. The question we must immediately ask is this: Without Ra's suggestion of extraterrestrial intervention and / or Atlantean inheritance, how else would an apparently non-technical society know to count this? There are certainly no recorded bits of evidence to suggest that they had anything even remotely resembling the satellite technology that we needed to rediscover this.

When we expand our tzolkin number of 260, (built up from the vibrational number 13,) to its higher harmonics, we have 260 katuns in the Calendar Cycle, at roughly 20 years each. We also have 260 days in the Sacred Year. The amazing discovery that Chatelain made is that the katun itself is not just a dead, lifeless fraction of the Great Cycle; it is a working cycle all in its own right. Chatelain indicates in his book that the scientists knew that the length of the katun had to be about 19.75 years, but no one has ever explained what it was actually measuring. They tried such things as dividing the length of the orbits of various planets in years, but nothing seemed to work. Miraculously, and perhaps absurdly, no one ever bothered to check the conjunctions between the planets.

Though no one else had ever considered it, Chatelain realized that by adding a very slight 54 days extra to the standard harmonic katun length of 7,200 days, he suddenly, magically arrived at the precise length of time between each conjunction of Jupiter and Saturn. This conjunction was the grease in the gears, the very essence of what made the clock tick. In an Email conversation with this author, Jenkins revealed further information about this harmonic connection with Jupiter-Saturn conjunctions:

One Maya scholar, Robert Hall, suggests that [the Jupiter-Saturn conjunction was used] in the early development of the Long Count. 7200 days is 19 years plus 260 days exactly.

That fact alone suggests further points of study for the harmonic cycles, but for our discussion is just the beginning. Chatelain showed that the katun not only worked for Jupiter and Saturn, but when taken as a unit, it plugged into the orbits of many other planets as well. This work has also been shown with stock trader extraordinaire Bradley Cowan, who uses these harmonic cycles for very accurate stock market predictions and clearly associates J-S conjunctions with movements such as the quarter-cycle of Uranus' orbit. For now, we will have Chatelain explain in more detail:

For the Mayas the katun of 7,254 days was not only a measure of time but also an astronomical unit to express the synodic periods of revolution of planets, or the count of days needed for each planet to be realigned with the Sun and the Earth. For example, 5 katuns were equal to 313 revolutions of Mercury, 13 katuns were equal to 121 revolutions of Mars, or 27 katuns were equal to 7 returns of Halley's comet.

So, we can easily see that by simply using the katuns to count, it would be quite possible to plot out all major planetary motions in this manner through relatively simple math. Cowan's work shows us the same thing, and as time goes on we will see that this is a fundamental vibrational property of the planetary orbits.

The typically recognized number system given for the structure of the Mayan Calendar is very simplified and round; 20, 260, 360, 7,200 and 144,000. Each of these refer to a number of days, namely the uinal, tzolkin, tun, katun and baktun. We cannot ignore how harmonic these time cycle numbers really are, and it gives us a lot to consider when we realize that the structure of time as we know it is built up from this. For example, 36 and 36 adds to 72, and 72 and 72 add to 144, the frequency of Light. Therefore, we can speculate that all of these differing time cycles are related to the harmonics of Light itself, and as Ra and other sources as well as physicists like Nordberg and Larson believe, time is measured by the speed of light. So, the time cycles that we see in the universe are all harmonics of this fundamental vibration.

Again, Chatelain's theories have drawn attention to the almost 100-percent connection between the katun and the Jupiter-Saturn conjunction. We can then begin to understand the possible physical connection to the katuns' use as a counting system. If the orbits were just a slight bit different, they would be perfect- just like the once-perfect Earth orbit of 360 days and the once-perfect Mars orbit of 666 days. Chatelain goes on to show us that the main Calendar Cycle of ~5,200 years can be perfectly broken down into mathematically precise harmonic measurements for many different planetary conjunctions, especially Jupiter and Saturn, as we mentioned. Here is Chatelain to explain.

...Meanwhile, the Mayas had also discovered [the Main Calendar] cycle of 1,886,040 days that represented exactly 260 conjunctions of Jupiter and Saturn, 2,310 of Mars and Jupiter, 2,418 of Earth and Mars, and 3,230 of Earth and Venus.

This particular cycle was the key to the mystery of the Mayan calendar. It was based on the conjunctions of Jupiter and Saturn, something nobody had cared to consider... nobody had tested the conjunctions between the planets.

[Until now, they still haven't, other than Cotterell's notice of a cycle that tied in the Mayan Calendar with the length of the Venus year, discussed in his book.]

The conjunction period of Jupiter and Saturn is in reality 7,253.445 days, but the rounded-out Mayan value of 7,254 days is valid because they did not use decimal parts and counted in whole days only. So the Great [Calendar] Cycle of the 260 Mayan conjunctions was 1,886,040 days, or 5,163.8 of our years.

And thus, we have Chatelain's explanation of how he arrived at what he considered to be the true length of the Mayan Calendar, 5,163.8 years, and how it was measured. The measurement occurred through planetary conjunctions, the very foundations of astrology and an unchanging product of celestial mechanics. We also can see from his writings here that a great number of differing planetary conjunctions all fit into the Calendar Cycle like a giant jigsaw puzzle. Notice, though, that this system of planetary calculations

fits for his number for the Mayan Calendar, at 1,886,040 days of length, and not the regular number of 1,872,000 days.

Cotterell's work does give us many crucial parts of the puzzle, but it was Chatelain's discovery that the Mayan Calendar was directly linked to astrological conjunctions that led to his discovery of the importance of Jupiter and Saturn. In order to fit the Jupiter-Saturn conjunctions that the Maya used as a counting system, Chatelain needed to modify the typically utilized dates. As we go on and look at the numbers, we must ask ourselves if it was possible that the Maya were indeed well aware of both the Chatelain version of the calendar as well as the conventional one. It certainly appears that the two cycles are permanently and inextricably woven into each other. The length of the katun is just far too close to the length of the J-S conjunction to be a coincidence.

From the excerpts just cited previously, we now know that Chatelain is indicating to us that the length of his version of the Mayan Calendar Cycle is 1,886,040 days, and therefore a baktun, which is 1/13th of the whole cycle, would be 145,080 days. The standard harmonic figures take the baktun to be 144,000 days -- and we again remember that this is the harmonic of the Speed of Light as well as the number of people said to Ascend in the Bible. If we multiply the traditional baktun of 144,000 by 13, we get 1,872,000, the number of days for the common Mayan Calendar cycle. So between Chatelain's length of 1,886,040 and the common length of 1,872,000, we can see that there is a discrepancy; the astrology-based Mayan Calendar from Chatelain is slightly longer in duration.

Remember now that Cotterell had independently discovered a sunspot cycle that caused the sun's magnetic fields to shift, before he ever saw any mathematical information tying this in with the Mayas. His numbers had come strictly from the interpretation of satellite data pertaining to the ebb and flow of sunspots. This principal sunspot cycle that Cotterell calculated is given in Mayan Prophecies as 1,366,040 days. The Maya put great work into monitoring these cycles, as they were directly connected with smaller-scale cataclysms and energy shifts on Earth. Remember that this is a smaller, more frequent cycle that affects when the Sun's own poles shift, not the Great Cycle of ~25,920 years itself. As we previously stated, this solar pole shift cycle has to run itself through exactly seven times in order to add up into the Great Cycle.

Again looking back to Cotterell, we see that his own sunspot shift cycle of 1,366,040 days was very closely related to 1,366,560 days, the Mayan "Super Number" in the Dresden Codex. They are exactly 520 days apart from each other, or 2×260 , the tzolkin number and Sacred Year, built up from the harmonic vibrations of the number 13. This should leave absolutely no doubt that the Maya were aware of the solar cycles we are discussing. The additional 520 days act as Cotterell's "shift differential operator," introducing an extra pattern into the equation that allows us to expand these cycles into even larger patterns in the Sun's activity. This tzolkin "shift number" obviously has a wide range of uses in the universe, as it is another basic vibratory property of the sea of living, intelligent energy that creates our existence moment by moment.

Remember that Cotterell calculated his solar pole shift number without ever

having seen the Mayan information. When you really dig into Cotterell's information, you discover that the Mayan "Super Number" of 1,366,560 days was based on the usage of the cycles of Venus to calculate solar pole shift. We will not go into detail to explain these points, as it is extremely complicated, relegated to the appendices in the back of Mayan Prophecies. It is an interesting point, though, to see that Venus works so perfectly with the sunspot cycle we are discussing; everything fits together.

So, we add 520 days, or two of Cotterell's solar "shift differentials," and suddenly fact meets fiction: a scientifically derived, totally modern Sunspot cycle harmonizes perfectly with an ancient Mayan number. Science is again baffled by a seemingly insoluble quagmire, where a bunch of "savages" clearly had access to some very significant data. But, since "they" cannot acknowledge something like this, it is simply brushed aside and ignored. We don't like what we don't understand.

The link between Chatelain's astrology-based number of 1,886,040 days for the Mayan Calendar and Cotterell's 1,366,040 days for the sunspot shift cycle should be seen right away. The difference is, miraculously, a quite whole number, as both numbers end in 6,040; therefore, when subtracted from each other, the last four digits cancel out to 0,000. This eminent roundness clearly indicates that the matching nature of the numbers is no accident. Their difference is exactly, precisely 520 thousand days. This is undoubtedly one of the most fantastic correlations between the two cycles, as it shows yet another "layer" of the harmonic, Octave-shifting properties of the number 13!

If we remember from earlier chapters, Bruce Cathie indicates that the Ancients would effortlessly add or subtract zeroes to numbers, knowing that the numbers remained harmonically identical underneath. This has to do with the innate properties of the base-ten system, which can certainly frustrate mathematicians who want all number bases to be equivalent. So therefore, 520,000 harmonically reduces to 520, which is the exact same number that we just saw above when Cotterell got the Solar "pole shift" to equal the Mayan "super number." Again, he did this by simply adding two tzolkins or Sacred Years of 260 days.

We have to admit that there is a fundamental similarity between Chatelain's modified figures for the Mayan Calendar, based on J-S conjunctions, and Cotterell's number for the solar pole shift. Unless we see the harmonics of 13 at work, it would be very difficult to understand how this could possibly be, as Chatelain's book was out on the shelves in 1971, long before Cotterell calculated the sunspot shift cycle. In addition, Cotterell made these sunspot calculations with no apparent knowledge of Chatelain's work whatsoever.

Just to recap, the harmonics of 13, expanded into the "tzolkin number" of 260, appear to be of pivotal importance in understanding all of our mystically interrelated cycles, including the Great Cycle of ~25,920 years, in many more ways than one. The tzolkin is the anchor of the entire system, from the 26 day rotation of the Sun's equator to the "Sacred Year" of the Maya to the number of katuns in the Mayan Calendar. The tzolkin also links the sunspot shift cycle to the "Super Number," allowing it to expand into the Great Solar Cycle. Now, we have just shown how it also demonstrates the harmonic link between the J-S conjunctions and the sunspot shift cycle itself.

J-S CONJUNCTIONS AND EXTREME RADIO DISTURBANCE

It is interesting to note that "frontier scientist" Richard Hoagland and his team wrote a recent article on hyperdimensional physics on his www.enterprisemission.com website that also demonstrates the hyperdimensional importance of the J-S conjunction in this integrated harmonic system. In this case, he shows that the power of the J-S conjunction surpasses the power emitted by the standard 11-year sunspot cycle. This was measured by studying the relative level of radio interference caused by the peaks of the sunspot cycle, and then comparing that against the level of interference caused by the J-S conjunctions. The J-S conjunctions caused a significantly higher amount of interference than the 11-year sunspot cycle in this case, and he has reprinted the original articles that prove it. Interestingly, Hoagland also mentions the 25,920-year cycle in the same article, only he has completely missed the real causes behind this cycle, which we are discussing here. In his article on the website, he speculates that the orbit of a large, distant planet might be the cause this cycle.

We now know from our excerpts from Edgar Cayce, *The Ra Material* and other sources that this 25,920-year cycle is not caused by a planet at all; it is a Solar effect. We also know that it does more than simply affect weather, magnetic pole reversals and the ups and down of civilization - it also holographically controls the dimensional frequencies that are streaming in from the Galactic Center and resonating throughout the entire Solar System. We have shown that due to the properties of aether vibration, each planet is a multidimensional body, which assembles into a geometric, crystalline form. These crystalline forms are nothing more than the holographic projections of the One; essentially, conscious energy forms. They are all intertwined into a vast energetic web, and the Sun controls the resonating frequency of this web through the Great Cycle, or the "Breath of the Divine."

JESUS AND THE 40-YEAR TESTING PERIOD

As we previously alluded, what we actually see is a "ratchet" form developing, where the available higher-dimensional energy noticeably increases at the peak of each Jupiter-Saturn conjunction. Therefore, even though the conventional Mayan Calendar date system used by Cotterell is clearly at work, we still need to watch Jupiter and Saturn in order to observe the "ratchets" of this cycle. It is interesting that Edgar Cayce listed "'58 to '98" as a crucial "evaluation" period leading up to the planetary changes. Both of these dates are exactly two years prior to when the J-S conjunctions occurred. Based on what we have just unfurled here, we must conclude that this is what the Cayce Readings were referring to. We are hard-pressed to find any other physical observations of the Cycle that could possibly match up any better than this.

But why would the Cayce Readings anticipate each of these conjunctions two years in advance when referring to a "testing period?" We must conclude that just the approach of the J-S conjunction can cause massive changes, even before it actually hits. This applies in astrology as well, where the effects of a major conjunction get stronger and stronger as the conjunction gets tighter and tighter. It really is the exact same principle, albeit on a larger scale. The length of time between '58 and '98 is forty years, and again we see the Bible symbolism popping out all over the place. The Biblical flood involving Noah's Ark took place for "forty days and forty nights." The Israelite exodus, led by

Moses, spent forty years in the desert. Jesus' time of temptation by Satan in the desert was forty days and forty nights as well. All three of these cases would certainly be considered "testing periods."

Remember the overwhelming evidence that connects the story of Jesus to the modern accounts of extraterrestrial visitation. This includes immaculate conception, the giant light that hovered in the sky over Bethlehem, the appearance of "angels of the Lord," and obviously Jesus' many fantastic abilities. We also have numerous top-secret government officials who have come forward to say that the extraterrestrial visitors informed them that Jesus was one of their own (Good, 1991.) Therefore, to a being that is outside of linear time, the era of Jesus could be the equivalent of one or two of our days in the past. So, when there are writings in the Bible that say, "Two are walking in the fields, and then there is one..." we have to remember that this is not ancient or mythological to them; it is a statement of the fact of exactly what is going to happen to us.

Jesus obviously would be the highest example of a physical being with fourth-density abilities clearly visible before the actual shift itself. It is clear that he was "preparing the way," showing us a future vision of ourselves. In the big picture, once we realize that we are dealing with cycles that are roughly 26,000 years in length, we can see that his arrival was essentially at the close of the most recent cycle. This would explain his quote in John 14, "As I do these things, so shall ye do them, and even greater things."

MALDEK AND THE 54-DAY DISCREPANCY

Getting back to the point of this chapter, we must remember that no other researcher has ever tied in the Mayan Calendar to planetary conjunctions, except for Chatelain. If the J-S conjunctions are so obviously close to the Mayan katun, why the 54-day discrepancy? Wilcock's own readings finally explained it in a way that makes sense, providing that the Ra Material is accurate. We remember that Ra said that there was once a planet where the Asteroid Belt now resides, often called Maldek. Ra told us that this planet was caused to explode by a war that occurred between its inhabitants some 500,000 years ago. We also know that Thomas Van Flandern, a reputable astrophysicist, is now putting increasingly hard science behind the notion that this was indeed a planet in the recent past that exploded. All comets in the Solar System can be traced back to that point of origin, for example. Since comets are largely water ice, they are the vacuum-frozen chunks of what was once a fertile ocean.

So, even though it might not be "mainstream" yet, at some future point the loss of Maldek to nuclear war will no longer be considered a matter of fiction, but of simple and tragic human history. The only thing that stops us from being able to accept the truth is the limitations of our own imaginations, and our desire to cling desperately to our "beliefs," which can often be a series of prejudices. We simply cast out the information that we don't like, and everything is "fine." Since we have only just begun to accept the idea of extraterrestrial life, the notion of "planet-hopping" certainly takes some time to get used to. But facts like the gigantic Face on Mars certainly gives us clues that lead in this direction.

[As a very interesting side note, the morning after Wilcock wrote this, 1/23/

99, he had a very detailed and interesting dream that was apparently about Maldek. It was extremely rich and detailed, and borrowed off of the idea of the then-upcoming new Star Wars Episode One movie. In the middle of a sentence that Wilcock spoke to a waitress in a very bizarre "restaurant," the perspective suddenly shifted to outer space, where he saw a gigantic flash of light. That was it!

Then, he was in a movie theater, and everyone was disappointed with the ending. They all had a copy of Gilbert and Cotterell's book *Mayan Prophecies*. The "movie" just seemed to "cut off" with no prior warning. Wilcock told them not to worry, as there would indeed be a sequel to the movie. Ra says that 50 percent of people on Earth came originally from Maldek. Wilcock had been thinking that the exploded planet portrayed in the movie *Star Wars* was a sort of "genetic memory" coming through George Lucas, who might have been one of the 50 percent who went through the actual experience. It is very interesting to Wilcock how much the Maldekian "restaurant" resembled the general feeling of the "cantina" scene in *Star Wars* and Jabba the Hutt's hovering cruiser in *Return of the Jedi*. All the characters were human, but there were definite similarities. Theoretically, anyone should be able to access this information and dream accurately about it. Perhaps Lucas turned it into a film as a result of this ability.]

So, since we can now prove that Maldek did indeed explode, we then need to stretch our imaginations just a bit more. Clearly, the force and impact of an entire large planet exploding must be quite something. Indeed, part of Van Flandern's research concerns the amazing blast impacts that are visible on the neighboring planetary and lunar bodies closest to the Asteroid Belt. Many of them appear to have sustained far more damage on one half than the other half, including Mars, which now appears to have been one of the exploded planet's moons. With the force of a planet-killing nuclear explosion and all the debris that would be created, we clearly would have quite an incredible problem on our hands. Indeed, something similar might happen to Earth were it to be sufficiently disturbed by a large-scale nuclear war.

Therefore, when Maldek exploded, there were extremely damaging effects created in the entire harmonic structure of the Solar System, disrupting the natural harmonic smoothness of the planetary orbits. In the conventional Newtonian model, the planets are held in place solely by the Sun's gravity. So, if we have a series of free-floating bodies suddenly hit with the impact of this tremendous blast, it would be like playing a game of pool on a billiard table. We can easily see that the other planets would get knocked out of their positions. Since Jupiter and Saturn are both beyond the Asteroid Belt, the explosion would blow them further away from the Sun. All it would take would be for one or both of them to be close to Maldek in their orbit pattern, and the extra 54 days could easily be accounted for.

So, what we have to realize here is that at one time, the Solar System functioned in a perfectly Divine and beautiful way, with elegant harmonic mathematics. Among many other things, these mathematics allowed the conjunctions of Jupiter and Saturn to be exactly 7,200 days in length, thus precisely matching the numbers inherent in the Sunspot Cycle. But, after Maldek's explosion, the planets were knocked out of place, creating a very acceptable 54 days of extra time between each conjunction. But, even though they were knocked slightly out of place, their effects as the driver of the Solar

Cycle could not be disputed; they were the two biggest planets in the Solar System.

It is interesting to think that if this explosion had never disrupted our system, we might well have come to a discovery about these harmonic systems much earlier. However, since it did happen, the extraterrestrial forces referred to by Ra needed to keep track of both systems of measurement. The "conventional" Mayan Calendar was used to keep perfect track of the idealized harmonic cycles of the Sun, which would not have been significantly affected by Maldek's explosion, due to the Sun's gigantic mass. These numbers would remain beautifully simple and elegant, representing the true Divine design of creation.

Thus, even though Jupiter and Saturn got knocked out of alignment, they still ended up arriving in a position that perfectly harmonized with the cycle in the Sun by the "shift number" of 2×260 , or 520. This shows us how adaptable the harmonic system really is -- even after such a catastrophic explosion, the new positions that the planets assumed still had harmonic, vibrational qualities. So, Jupiter and Saturn still have a definite effect, even though they no longer figure in precisely to the conventional Mayan Calendar. We can now see exactly how important the "shift period" of May of 2000 really is, as it is not only the last sunspot cycle peak before the Cycle itself ends, it is also the very last time that the masses of Jupiter and Saturn will conjoin before the cycle ends. We must conclude that it is for this reason that the forces in the Edgar Cayce readings triangulated on 1998-2001 when they spoke of the Solar Cycle and the corresponding pole shift.

In the next chapter, we will investigate the further ramifications of this ancient astrological cycle technology, by uncovering an even vaster cycle that was equally well charted out by the Atlantean / Extraterrestrial contingent, handed down to the Maya and Egyptians. Maurice Chatelain also discovered this cycle as well, and he named it The Nineveh Constant. It is vital for us to explore just how precise and multifaceted the harmonics of the planetary cycles really can be, as we will ultimately conclude that every orbit in the entire Universe is functioning this way. The precision of calculation behind this cycle will show unequivocally that a very high-level influence of some kind was in touch with these ancient cultures, as this 6,000 year old harmonic number enables precise calculations of planets all the way out to Pluto.

CHAPTER 18: THE NINEVEH CONSTANT: CELESTIAL HARMONICS

In this chapter we examine perhaps the most enigmatic finding in all of Chatelain's significant and practically unknown work.

He learns that all of the orbits of the planets can be expressed by one single number, which is a singularly shared common denominator. This important and heretofore unknown number is nothing more than the product of 70 multiplied seven times by 60!

We ask ourselves how it can be that this hyper-complex number was originally found on an ancient Sumerian clay tablet.

CHAPTER 18: THE NINEVEH CONSTANT: CELESTIAL HARMONICS

Chatelain's research goes well beyond the Mayan Calendar, and his discovery of an even larger cycle that unifies the entire Solar System in simple harmonic vibrations may well be his finest accomplishment. As we will see in the next chapter, the stock traders working with Bradley Cowan's techniques are very excited about this new number, which has equally profound implications for the Solar Cycle. This quote is directly from the beginning of the first chapter of *Ancestors*. [Note: The most recent version of Chatelain's work is called *Our Cosmic Ancestors*, although the original version was named *Our Ancestors Came from Outer Space*.]

FOR THOUSANDS OF YEARS astrologers and mathematicians have been greatly impressed by the majestic regularity of the stars moving in the skies. For millenniums they tried hard to discover the secrets of this marvelous clock. These skywatchers realized that a very long period of time, one probably encompassing millions of years, had to exist that would represent in even numbers the revolutions of all the celestial objects. At the end of such a constant period, all the bodies of the firmament would again find themselves in their original positions on the band of the zodiac.

These astrologers and mathematicians called this time span the "Great Constant" or the "Great Year." [They] did not know that indeed this number existed and had been calculated tens of thousands of years before their time to be used by early civilizations but then lost and forgotten as cataclysmic natural disasters and wars destroyed one civilization after another. The astrologers tried in vain to find the Great Constant and finally gave up. But now, by a chain of strange coincidences, this magical number has been found on an old clay tablet from Nineveh.



As Chatelain just indicated, this huge cycle came off of Sumerian clay tablets, which were found in the burned-down remains of the Library of King Assurbanipal in Nineveh. This library was discovered in the ruins of the Assyrian civilization, located in modern-day Iraq in the nineteenth century through the work of Paul Emile Botta and Henry Layard. Botta himself discovered the Assyrian remains, including many marvelous pieces of architecture such as the castle of King Sargon II, which was a virtual treasure trove of statues and artifacts. Layard later excavated the site of Kuyunjik, in search of the capital of Assyria, known as Nineveh. And indeed, his intuition hit pay dirt, as among many other things he uncovered the Library of King Assurbanipal, an Assyrian king who was in power from 669 to 626 BC. Within this library were thousands of clay tablets etched with cuneiform writings. These writings were, as Chatelain says, “a collection of all the science and history known at that time, assembled from all previous civilizations.”

Chatelain goes on to show how these discoveries led to the unearthing of the story of the epic saga of Gilgamesh, which has been confirmed by the scholars to be the original source document for the story of Noah and the Flood. Indeed, the modern Biblical account is shown to be a simplified version of the Saga of Gilgamesh, with a change in the names and a great deal of omissions. Zechariah Sitchin, a controversial Sumerologist and proponent of the Ancient Astronaut theory, discusses this as well.

The staggering figures on these tablets were originally ignored as the ramblings of weak-minded Sumerians obsessed with numbers. Nevertheless, Chatelain saw that there could be a lot more to it -- his attention was drawn to the number 195,955,200,000, and he explains in his book how this is the expression of 70 multiplied seven times by 60. [For simplicity's sake, we will shorten this number to 19.5×10^{10} .] He then goes on to indicate that as the Sumerians counted by 60, the number apparently came directly from their civilization, and modern Sumerologists agree that these tablets originated

there. Since the Sumerians invented the use of days, hours and seconds, using their base-60 counting system, Chatelain inferred that this number might have been a measurement of a certain discrete quantity of seconds.

From here on out, Chatelain's discoveries pertaining to this cycle are absolutely revolutionary. With this one number alone, you can calculate the exact time it takes any planet, comet or celestial object in the Solar System to make one full cycle around the Sun, down to the second. And that is not all. This mysterious number also encompasses an exact multiple of the precession. As we now know, it would also encompass the sunspot cycles as well, since they are a direct harmonic of the precession through the Great Solar Cycle.

The precision of the Nineveh constant is summarized in one all-important quote from Chatelain.

...Every period of revolution or conjunction of all the solar system bodies calculated by the Constant of Nineveh corresponded exactly down to several decimal points with the values given in the modern tables of United States astronomers... I have not been able to find even a single period of revolution or conjunction of a solar system planet or satellite that would not be an exact fraction down to the fourth decimal point of the Great Constant of the Solar System.

Yes, it sounds impossible, but we must remember that astrophysics was Chatelain's job, and he had worked on calculating the orbits for such things as the Apollo missions; thus, he was not scared by these numbers, and could work with them rather easily. And furthermore we can prove here that this cycle was derived at least 6,000 years ago, and was probably quite archaic by that time.

In other words, the Nineveh Constant is a fantastic calculator, as it is designed to fit the rotation of every planet into a certain round number of cycles; not in years as in the Mayan Calendar, but in seconds. So, with this number many significant discoveries emerge. To begin with, we must not fail to see the harmonics that are at work here. The numbers in the Octave have a fundamental geometry and vibration, as we have already seen. Their larger-order functions have definite internal waveforms, structures and movement. And now, what we are seeing is that the master cycle for the entire Solar System is built up from nothing more than 70 multiplied seven times by 60 -- in other words, the harmonic vibrations of the numbers six and seven, at the top of the Octave. What this shows us is that each planetary orbit could also be thought of as a harmonic wavelength of precise length. This had already become visible in the last chapter, when we saw that many harmonic cycles were emerging amongst the planetary and solar time patterns. Now, we can see that the entire Solar System is fundamentally interconnected through the same system. In other words, the same harmonic stresses in space-time that amassed the continents with the Global Grid have similar effects on astronomical and astrological cycles.

And so, for an ancient or extraterrestrial culture that possessed knowledge of the true properties of vibration, we can demonstrate that the Nineveh Constant itself would be the only large number one would ever need to keep on hand. Calculating the precise length of any planetary orbit or cycle would

then be a simple question of dividing the Constant by one of a set of much smaller numbers that you could easily memorize. So, let's say that you wanted to calculate the precession, or Great Cycle, in seconds. It just so happens that if you divide the Nineveh Constant by 240, that is exactly what you will get. And that number 240 is a precise harmonic of 24, the number of hours in a day. If you want Halley's Comet, divide the number by 81,000, which is the harmonic of nine times nine.

Chatelain shows us that the Nineveh Cycle existed on both sides of the Atlantic; the Mayans had it as well, only in a different harmonic base that preserved their love for the vibrations of the number 13. The Maya arrived at the Great Constant of the Solar System in two ways. They expressed it as a multiple of 26 Jupiter-Saturn conjunctions, [actually 180,392 of them,] as well as a multiple of their Mayan Calendar cycle of 260 Jupiter-Saturn conjunctions [actually 78,170 of them.] Again, we see the Maya's insistence on the use of 26 and 260 for counting.

The other harmonic number that seems to pop out at us as possibly being a part of Divine Order is 25, expressed in the approximate number of Earth years in the precession as 25,000. This is the "true harmonic" count number for the Great Breath of the Sun that was given in the Ra / Law of One series. It also has extreme Pyramidological importance, as we will indicate in a second. Chatelain's discoveries also encompass an even further extenuation of the harmonic importance of 25,000 in the Great Cycle of the Solar System. If we remove a mere seven days from the common value for Pluto's orbit around the Sun of 90,727 days, which is perfectly possible given the inaccuracy of our measuring capabilities, we get 90,720 days. And again, this is a precise harmonic or "Gematrian" number. When we divide this round number into the Nineveh Constant of 19.5×1010 or 2,268 million days, we get exactly 25,000.

Yes, it is true! The Great Solar Cycle gravitates towards an harmonic ideal of 25,000 Earth years in length, and the Nineveh Cycle is exactly 25,000 of Pluto's years. The cycles appear identical, counted in the same harmonic number of 25, for two different planets. And of course, 25 is a direct "vibration" of the number 5.

We will cover the topic of the Great Pyramid in greater detail in the twentieth chapter, but for right now we will discuss 25 based on the numerological code that was discovered inside its measurements. The number 25 in the Pyramid is indicated as the square of five. The numerology for the number 5 is "initiation into the mysteries of the universe." By squaring the number, we then have a tremendous increase on the basic meaning of initiation. Lemesurier, author of *Great Pyramid Decoded*, refers to this number as an indication of the Messiah, or "The Great Initiate." Indeed, 25 is the fundamental number of all Ascended people. The Cayce Readings explain that the Second Coming of Christ is the dawning of the Christ Light within all of humanity. Thus, we have a possible numerological clue that tells us that this Grand Solar System Cycle itself produces initiation, or what we are referring to as higher-dimensional advancement. Other interesting possibilities emerge as well when we consider that the harmonic numbers have actual spiritual meanings, etched into the Mind of God itself. The entire Solar System may be a very carefully-encoded message of extraordinary spiritual depth, if we allow ourselves to not restrict the powers of the Mind of God in this harmonic

system.

The more we assemble these pieces together, the more the entire function of the Solar System, and thereby the entire cosmos, appears to be Divine Harmony. The very first multi-planetary system that we have discovered, orbiting pulsar B1257+12, has been discovered to be a precise duplicate of the inner workings of our own Solar System, both in terms of planetary size and planetary spacing. The following excerpt is from an article by John Gribbin in the London Guardian, at <http://crash.ihug.co.nz/~hardy/gconsyn.html> that says just this, with our own italics added:

LONDON, from THE GUARDIAN -- The discovery of three planets orbiting a pulsar known as PSR B1257+21 has revealed a system with properties that almost exactly match those of the Inner Solar System, made up of Mercury, Venus and Earth. The similarities are so striking that it seems there may be a law of nature which ensures that planets always form in certain orbits and always have certain sizes; and it lends credence to the significance of a mathematical relationship that relates the orbits of the planets in our Solar System, which many astronomers have dismissed as mere numerology.

The outer planets may well exist around B1257+12 in addition, but we do not yet have the instrumentation to detect them. It is therefore extremely likely that the B1257+12 system is equally harmonic and precise in its orbital function as our own, operating under the exact same laws of vibration as the Constant of Nineveh. So in short, the sacred numbers involved in this series of multi-dimensional cycles could well be universal. After all, this is the very first planetary system of its nature that we have discovered, among many other potential areas that we could have studied, and it just so happens to have near-identical properties to our own. Even the mainstream article above admitted that a previously unknown "law of nature" may be at work. And in the next chapter we will essentially prove this, by showing that this same precise system continues to operate when we expand our focus out to the Galaxy itself.

PERFECT YEARS

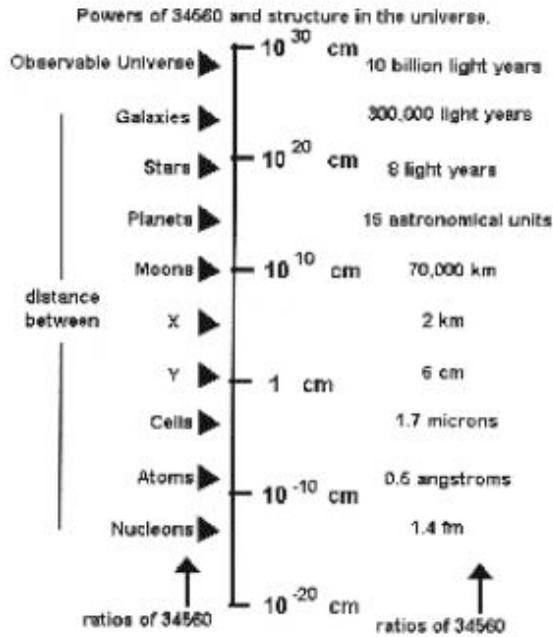
So as we have theoretically stated, before humanity caused such damage by destroying themselves on Maldek, Earth had a "perfect" year. This possibly "true" Earth year could explain why we would measure 360 degrees in a circle; it would be a harmonic of the 360 days in the Earth's circle around the Sun, just as it appears that Mars may have used 666 degrees for their own circles, giving us the harmonic angle relationships in the Platonic Solids. Chatelain explains that there are many ancient cultures that count as though there were still only 360 days, and begrudgingly add five days in at the end to make everything fit. In order to look into this a little further, let us say that 9,450,000 is the approximate number of days for the current Precessional Year that we now have. [This would be a result of taking the Nineveh constant of 2,268 million days and dividing it by 240, just as the Atlanteans / Sumerians had done.] We then plug in the 'original' sacred length of the Earth year as 360 days instead of 365.2422. If our "perfect Precession cycle" for Earth would be exactly 25,000 years of exactly 360 days in length, how many days total would be in that "perfect cycle?" In order to get this number, we would simply multiply 360 by 25,000.

From this calculation, we can quite clearly show that the number of "perfect days" in a "perfect cycle" would be exactly 9,000,000 days, an exact harmonic of the number 9, with no extra embellishment necessary. Nine is considered the penultimate number for the Maya, as it is the cornerstone that underlies all other natural harmonic numbers that emerge in the Mayan Calendar, such as 36, 72 and 144. In the Pyramid system, the harmonic number 9 is considered to be indicative of "perfect perfection," or the number 3, which means "perfect", multiplied by itself.

Knowing that Pluto is the timekeeper for the Great Cycle of the Solar System, the holographic architecture of the system becomes much clearer. We remember that based on this Great Cycle of Nineveh, after 25,000 Pluto years all the planets would reassemble into an exact straight line. This moment appears to be the true measurement of one harmonic pulsation of our Solar System as a unified entity, much as we would normally consider one year on Earth with its twelve major lunar cycles or months to be a complete orbital unit of time.

And so, we all know that matter is actually comprised of atomic energy that is 99.99999 percent empty space. That .00001 percent that is left is not solid, but rather arises from the aetheric "zero-point energy" of consciousness. Then when we understand harmonics, we see that the atom is also an expression of a color, sound and geometric vibration. This could explain why the theoretical limit of the Periodic Table of the Elements is 144, which is the light harmonic. So when we see the entire Solar System as a giant CU, we would find that the numbers are very harmonic and very simple. We also must remind ourselves of the existence of Bode's Law, which shows us that the spacing of the planets directly correspond to musical ratios. This has been further enhanced and redefined harmonically by the work of Ray Tomes and JB Stoneking, who draws off of the London Guardian article above in his writings. In addition, Tomes shows us that every system level of size in the universe is partitioned from each other by a precisely equal ratio. The harmonic vibrations of the number 34560 hold true as ratios that precisely separate the average size magnitudes of objects, as seen in Tomes' illustration as follows. This data and other points regarding harmonic structure will be covered much more in *Convergence: The Physics of Ascension*.

Once we start seeing the interdependence of the quantum level of the atom, the macro level of the Solar System and beyond, such as in this chart, the system of harmonics does start to make more sense to us. We certainly do not need the physical structure of a planet to be in place in order for these energetic structures to organize themselves -- the natural resonances in the aether arrange this for us.



So what we have, in essence, are some very precise cycles that were charted by some very old cultures, which appear to reveal a formerly understood "master harmonic law" in the Universe that subsequently faded into obscurity. These "master cycles" appear in very precise and harmonic intervals of time, working off of basic numbers such as 9, or the square of 3, and as we saw here, the numbers 5, 6, 7 and 8, the octave. All of this suggests simple, intelligent design with intelligent purpose in the Universe. Although we are not accustomed to thinking of Nature as being this precise, one quick examination of the complexity of the human DNA molecule should put such ideas to rest.

In the next chapter we will prove that similar harmonics exist as we continue to expand the scope to include the spiraling of the Milky Way Galaxy. The Ra Material indicates that it is the spiraling action of the Galaxy that ultimately controls the frequency of energetic stresses in any given area. Thus, the Breath of the Sun as well as the Great Cycle of Nineveh are actually the shadows of the slow, continuous spiraling motions that we travel through as we change in position to the Galaxy. Yes, dear friends, welcome to the 21st Century. It's not just a nine-planet birth chart anymore. What we are dealing with here is Galactic Astrology, the Hitchhiker's Guide to the Universe.

CHAPTER 19: GEOMETRIC TIME AND THE WILCOCK CONSTANT: RA'S SCIENCE REVEALED

In this chapter, we see the work of Bradley Cowan revealing hidden structures in time that can be harnessed, understood and mapped out to predict the behavior of the stock market.

We then look into Wilcock's discoveries of a larger-order cycle in the Galaxy that is built up from the same principles as the Nineveh Constant.

This lends dramatic assistance in understanding Ra's teachings, then made complete as we determine a scientific basis for the combination three Solar Cycles into one.

CHAPTER 19: GEOMETRIC TIME AND THE WILCOCK CONSTANT: RA'S SCIENCE REVEALED

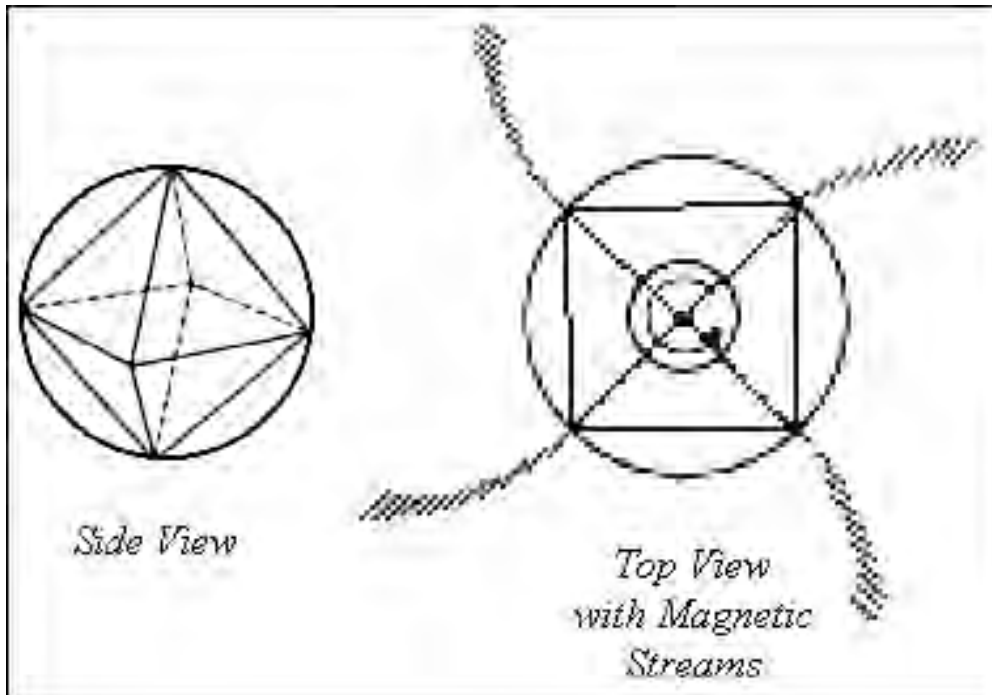
With this chapter we will directly see the harmonic structures that are visible in time, and the direct geometry that goes along with them. Once we have done so, the theoretical foundations for the universal applicability of the Nineveh Constant will be easily seen, as our Galaxy is also operating under these harmonic geometries in time. So obviously, the very first question that comes to mind is this: even if we knew that we were looking for Platonic geometry, how could we chart out the passage of time in such a way as to have a solid measurement of its effects that might allow us to see such a structure? Almost all graphs that we see, regardless of what phenomena in time that they are measuring, are expressed in two dimensions -- an X axis and a Y axis. How would we be able to use such a graph to visualize a Z axis and thereby extend our perception of the effects of time out into three dimensions?

The even more fundamental question is this: "How do we know whether time is simply a static, "linear" phenomenon that produces no changes within nature in and of itself as it passes by, or an active, "topological" phenomenon that produces predictable, recurring patterns in neatly organized cycles?" What possibly could we look for in trying to discover if time has a dynamic shape? In order to hope to see a shape of any kind, we would have to find something that changes, something that does not stay the same but has the potential to move in different, measurable directions.

We have already shown the proof that Light itself has just such an active, topological structure -- and our one of our original arguments, seen in both the "Unified Field" theories of John Nordberg and Dewey Larson, is that all of Space is filled with a sea of Light that we do not normally observe. Our scientific evidence as well as excerpts from Ra and W.B. Smith's UFO lecture suggest that these Light harmonics have different density levels in different areas of the Universe. The Sun had been maintaining the octahedral level nicely for us, even though the Ulysses probe did not detect any polarized magnetic field in 1995.

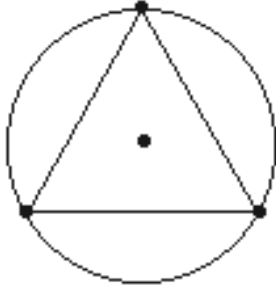
Furthermore, all of the sources we have just mentioned are telling us that Time itself is a function of Light. In the case of John Nordberg's physics, he explains that all of the universe is made up of balls of light, which we have called Consciousness Units. In Nordberg's model, (which will be covered in

much more detail in Convergence: The Physics of Ascension,) these balls of light can either remain stationary as "standing waves" (as in the case of ball lightning) or move at the speed of Light, becoming "moving waves" or photons that create visible light. Even though a "standing wave" does not appear to be moving through space, it certainly possesses dynamic internal motion -- and this will be a motion that corresponds to its own frequency of vibration. In the case of the third dimension or density, our light harmonic is 144, and the Hindu geometric cosmology tells us that Light forms the structure of an octahedron in our area.

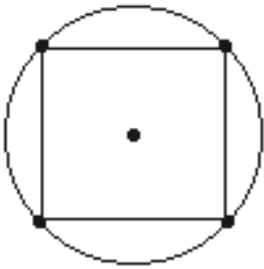


And so, the ultimate assertion that we will make is that motion is what creates "standing waves" of Light, which will naturally form spherical harmonics in models such as Nordberg's. The motion of a large body, such as a planet or star, will create harmonics as it drags along the aether in its motion, thus creating a "standing wave" in the System that it is contained within. Wherever the center of gravity is, such as the Sun in the Solar System or the Center in the Galaxy, the harmonics will arrange themselves around that point. In other words, any large mass must draw in the Light of Space around itself to sustain its existence, becoming an 'aether sink' to the surrounding area in the same manner as a low-pressure zone in our atmosphere causes high-pressure air to move into it, thus creating thunderstorms. When you have such a sink in motion, such as in the orbit of a planet or galaxy, it naturally disturbs its environment and creates vibration as it travels, just as the froth of water that follows a motorboat continues to ripple outwards after it has passed by a certain area. And in the case of the disruption of aetheric energy, we know from many researchers that these vibrations can be seen as light, sound and geometry.

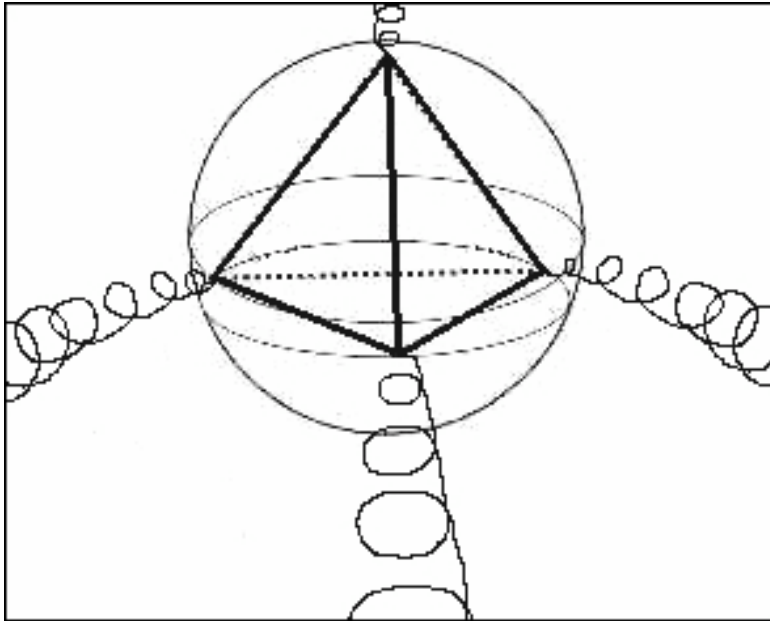
We have discussed previously the fact that Jupiter-Saturn conjunctions are the main 'driver' for the Mayan Calendar. What we have not mentioned is that these conjunctions always happen in the exact same three areas of space, relative to the Sun. These areas are equally spaced and thus form a great equilateral triangle:



Furthermore, each 19.86-year J-S conjunction is also very close to one-quarter the total length of Uranus' orbit. Again, in previous times this may have been more exact than it is at present, due to the explosion of Maldek. So if we divide Uranus' 84-year orbit into similarly harmonic quarter-cycles, we end up with a giant square that is formed in its orbit around the Sun, also a harmonic that is seen to overlap with the Mayan katun and / or the J-S conjunction:



Other planetary cycles, once further explored, should yield other geometries as well, including pentagons and hexagons. And if we go back to the study of the crop circles, we remember that the work of Gerald Hawkins showed us that two-dimensional diagrams like these can in fact be hyper-extended to three dimensions. And already, we have seen that the three-dimensional octahedron appearing in the Sun is responsible for the positive and negative energy bombardments that we receive twice a month on the Earth. And when we look at the behavior of a system such as the Great Red Spot in Jupiter at 19.5 degrees latitude, we can assume that a similar harmonic outpouring of Light energy is occurring from the tetrahedral level, slowly moving like a giant lawn sprinkler in the Solar System as Jupiter rotates:

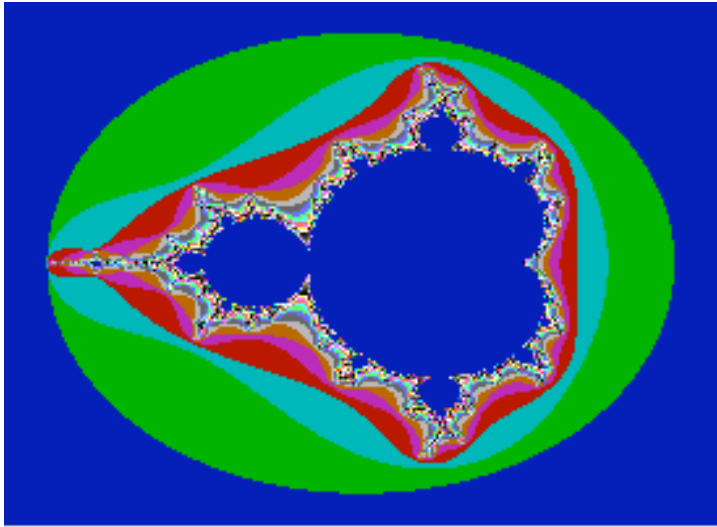


So, the rotations of the planets and grids themselves, combined with the planet or star's motion through space, create a variety of interconnecting harmonics. Some of these harmonics will move very slowly compared to the speed with which our Earth passes through the Light of Space, as we complete twenty cycles around the Sun to add up to one conjunction of Jupiter and Saturn, for example. Therefore, it is certainly possible for us to pass into and out of areas of greater or lesser energetic concentration -- and this appears to be the basis of astrology. If these energies are more than just a simple "hot-or-cold," "high-or-low" variable and instead represent discrete archetypes of consciousness, then as certain archetypes are flooding more powerfully into our minds, we can expect that more of those corresponding personality traits in ourselves will be visible. The entire Solar System would become a vast webwork of intertwining three-dimensional harmonics, just as an astrology chart will show you in two dimensions.

Our simplified diagram of the spiraling tetrahedron does not reveal the full extent of these harmonic pulsations. We must look at the entire shape itself as being a harmonic stress point, not just the tips. Therefore, the exact structure of the "standing wave" in free space will act as an attracting force, causing the very lifeblood of Consciousness to be affected as all other forces pass through it. And if we are looking for these properties in time, our next challenge would be to find a way to actually measure such changes, in order to determine if there is such a force in effect. Since these effects are related to consciousness and thereby psychological in nature, we must find a simple way of charting out the behavior of human psychology on a mass scale.

Furthermore, if we want to insure that these changes could not possibly be caused by anything but the passage of time, then all other factors involved with the changes should be as completely random as possible. In other words, whatever we are graphing should appear to be an almost completely unpredictable psychological phenomenon that is very easy to measure, ideally with only two "hot or cold, high or low" variables to consider. And then, if this behavior is truly a random event by all conventional understandings, any patterns taking effect should be a byproduct of our observable higher-dimensional geometric structures in time. Such "patterns in chaos" have indeed been observed in many different ways already, and they are

commonly referred to in modern "Chaos theory" as forming "fractal" geometries, like the Mandelbrot Set. Until now, with our aetheric models in place, we have never truly had a foundation with which to understand how these fractal formations could be seen in both space and time.



The "Mandelbrot Set."

Again, if we want to chart out human behavior to see if the passage of time has any observable effect, the first thing we have to do is to find a very, very simple index for measuring that behavior. Ideally we should investigate some form of human behavior that essentially has only two directions - up or down, positive or negative, high or low, joy or fear, prosperity or scarcity. This measurement of human behavior would need to be rigorously graphed day after day in an ongoing fashion in order to accurately analyze the long-term data for any trends or patterns. In order to be truly scientific, it would have to be something that was kept fastidiously, with no interruptions, for as long as possible. No one research group could realistically attempt to do such a broad-based study on their own, as they would be likely to introduce their own biases -- and furthermore, we simply don't have the profit motive to graph such behavior with steadfastness. Or do we?

THAT'S RIGHT... THE STOCK MARKET!

It just so happens that we do not need to look very far to find such an ongoing measurement index of human behavior. Ever since the late 1700's, at the dawning hour of a new nation known as the United States of America, an accurate record of the human extremes of joy and fear have been rigorously documented and rendered into the form of an ongoing graph. This record is known to us as the stock market of the United States, later referred to as the Dow Jones Industrial Average.

Yes indeed, the final answer to proving the geometric structure of time will come to us from the study of the stock market. As surprising as this may seem, it is indeed the most obvious and specific means by which we can graph out the extremes of human behavior through time. The measuring index of this behavior would be the price scale, which always occupies the Y axis of a stock market graph. And thus, the relative price value of the stock market is indeed a very direct and very effective measurement device for collective human behavior. When human beings feel joy, prosperity and

inspiration, they confidently buy, buy, buy into the stock market, rising the price index. And when human beings suddenly begin to feel fear, scarcity and panic, they quickly sell, sell, sell their stocks, hoping to bail out of the market before it gets any worse.

Indeed, any simple study of a stock market graph will show us that it continues to move up and down, up and down as time moves forward. Rarely do we ever see a stock market graph "flatline" for any prolonged period of time, and even within the larger trends, smaller oscillations are usually seen as well. The structures of human behavior indeed take on a dynamic shape as the collective mood of humanity rises and lowers from hope to despair, over and over again. And these cycles of human behavior have been intensely studied by many, many different researchers, as there is a very real profit motive in understanding their functions. If it can indeed be proven that these up-and-down movements can be predicted in advance, then all the sport and intrigue of playing the stock market is eliminated. If you know exactly when the market has bottomed out and can go no lower, then you know exactly when to buy your stock. And if you know exactly when the market has topped out and can go no higher, then you know exactly when to sell your stock, and thus make as much of a profit as you were willing to allow yourself to make, based upon how much money you invested in the first place.

A MASONIC SCHOLAR USES "ATLANTEAN KNOWLEDGE" TO REVEAL THE HIDDEN STRUCTURE OF THE MARKET

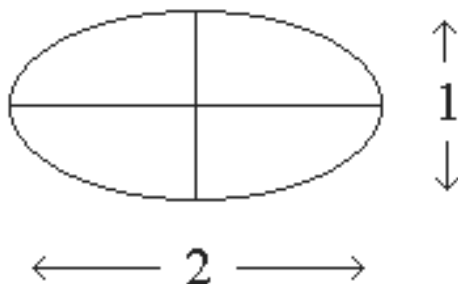
We have already cited a great deal of evidence that suggests that the true knowledge of this octave-based system of hyperdimensional geometry that we are now discussing has been secretly known all along. The society of Freemasons is one current guise of this "secret society" that has preserved this knowledge, which found its way into cathedral windows, the Great Seal of the United States and the United Nations Meditation Room mural, among other things.

On the outside, the Masonic Order appears to be nothing more than another boring fraternal "lodge" of aging men like the Shriners, Moose Lodge, Lions, Kiwanis or Elks Club, but to those who have spoken from the inside, there is a very complex and interwoven system of Atlantean understandings that has been handed down over time to them. So, with the idea that everything we have discussed and more may already be known by a handful of elites upon this planet, let us investigate the work of ace stock trader W.D. Gann. We know for a fact that Gann was a high-level initiate in the Masonic secret society, and he actively came forward into the public to teach how very similar principles as what we have been studying could be applied to the stock market. Gann's work did indeed allow him and many others to make accurate predictions of market trends in certain cases, though not on a constant basis. And now, a much more recent researcher by the name of Bradley Cowan appears to have discovered all of the unspoken and unrevealed knowledge within Gann's works - knowledge which Gann apparently did not want to release because of his secret Masonic oaths. This knowledge ties directly into our understandings of time as a multi-dimensional, geometric phenomenon, hence the title of the first of Cowan's works, *Four-Dimensional Stock Market Structures and Cycles*.

But before we discuss Cowan, we must start with Gann. The essential core of

Gann's discoveries is concerned with the idea that the combined price and time movement of the stock market will arrange itself into units of specific length and specific direction. These units of length and direction were referred to as "radii vectors." The length and value of such a vector is calculated by observing the nearest substantial high and low points of a stock market graph, and then drawing a straight line between those two points that represents a combined, numerical value of price and time. (In other words, you want to combine the movement of price and time values into a whole, unified number instead of separating them and only analyzing one at a time. We will explain Gann's method of doing this below.) Based on this rather simple system, once you calculate the value of the radius vector, you automatically know that the next vector will be exactly the same length. Without a knowledge of the harmonic structures in time, it may seem impossible, but Gann gathered mountains of evidence to prove that that's "just the way it works."

Furthermore, and significantly, all possible movements of the stock's value will always be contained within a simple, harmonic oval or ellipse that can be drawn around each radius vector. In other words, once you have your radius vectors clearly mapped out on paper, simply representing the connecting lines between the highest and lowest cycles of price-time behavior, you would never see the stock market graph move outside of each ellipse. Gann showed that the length of this harmonic ellipse is identical to the length of the radius vector, and the ellipse's full width, at a perpendicular angle to the midpoint of the radius vector, will always be exactly half of this length. The next picture allows us to see this very clearly.



SIZE OF RADIUS VECTOR ELLIPSE

Again, Gann revealed that the stock graph will never move outside of the perimeter of this ellipse, providing that you accurately know the true direction of the radius vector. This information regarding the ellipse is actually very important for our final theories of hyperdimensional physics, and thus we will soon see that we are not simply wasting space here by discussing this.

The next basic point of Gann's theory that we must discuss is that each time that you reach the end of a radius vector, you know to watch for the direction that the next vector will begin to take. Once you know the direction of the next radius vector, you will already know exactly how far it will go in terms of length before terminating, since the length is a constant -- in other words, it is a fusion of price and time values that will always have approximately the same numerical value when combined together. You may have a great movement in time and very little movement in price, and the fusion of these values could be the same as an equal movement in time and in price or a great movement in price in a very short time. Obviously, the large price

movement in a short time would be the one to watch for.

[Note: In order to protect Cowan, we are actually not going to reveal enough information for this idea to be reliably used with success for stock trading. As one of Cowan's clients reported, "If you only pay attention to one cycle and do not consider all the others, then something else will come along and blow you out of the water." So, if you want to invest money using these ideas, we strongly suggest that you purchase Bradley Cowan's books. The ordering information is available from his website, www.cycle-trader.com.]

We must also remember that the length of each radius vector is a function of both price and time moving together, and thus unless price and time are equally balanced out against each other, (which is rather easily done,) the lengths of the radii vectors may appear to be different when measured with a ruler. Therefore, Gann asked us to "square our charts," or to produce a chart where there was a perfect one-to-one relationship between price and time. This is how we would create balance in the chart. We would first take the overall average of a stock's movement in price for whatever length of time the graph is working with, whether hourly, daily, weekly or yearly. Once you get the average movement of that particular stock's price for each hour, day or the like, you then re-draw the price scale of your graph to count out intervals of time in that average. And thus, if you have a daily market graph and you discover that a stock price moves an average of three points per day, you would then draw a new graph where each of these three-point days on the X-axis would be coupled with a three-point unit of movement in price on the Y-axis. Days one, two and three would square up with prices three, six and nine, for example.

Once your charts are "squared" and redrawn, Gann revealed that it becomes very easy to see that the graph will move in "radii vectors" of specific lengths and specific directions. In a squared chart, the radii vectors will all be the same visible length, contained within the perimeter of the simple ellipse that is drawn around them. Each time that a radii vector reaches its end, a new vector is formed that will have a different direction. (In Cowan's books there are techniques that eliminate the need to redraw or square your charts, instead using the existing chart for reference- but in these cases the price and time ratios are usually not squared, thus making the similar lengths of the vectors harder to see.)

For most readers, the idea that an apparently random phenomenon such as the movement of a stock's price value in time could occur in specific, ordered intervals and vectors seems far, far too simple to be true. However, Gann proved his case with extensive documentation beyond any shadow of a doubt. And thus, even though you can find Gann's books in the library, many traders are still selling copies of Gann's Master Course for Stocks, a huge compilation of Gann's writings and lectures over many years, for absurdly expensive prices. And people will buy them, just because of the promises of profit that are hidden within them, if they can keep and study the books long enough to understand how to do it. And here, we are really only describing the absolute basics of this enormously complicated body of information.

COWAN'S STOCK MARKET GEOMETRY

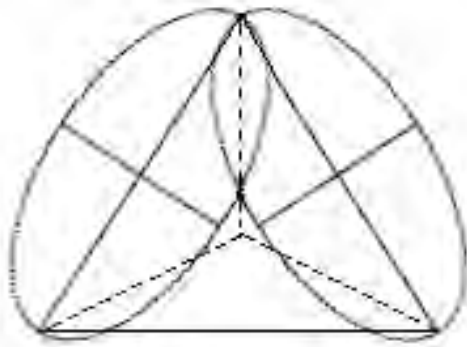
And now, enter Bradley Cowan, who may eventually be known on a very

widespread public level as the man who silently turned the entire field of stock market analysis on its end at a very young age, and also made a significant breakthrough in hyperdimensional harmonic physics. Little is known about Cowan, as he refuses to give interviews, lectures or public appearances, seeking rather to allow his books to speak for themselves. There are two basic sets of books that Cowan has produced, namely Four-Dimensional Stock Market Structures and Cycles and Market Science. This author has not purchased either of these sets of rather expensive books yet, as our knowledge of the specifics of Cowan's information comes from interviewing an increasing number of his clients on a professional basis. Each of these clients were shocked to see this material given a rational, causative explanation on our website, and thus immediately became interested in obtaining their own dream readings. For them, there is no doubt that this system works, as each of them continue to actively use these principles to play the stock market and determine where it will go next.

Cowan does require that a non-disclosure agreement be signed in order to purchase the second series of books, Market Science, which deal with issues such as the soybean market, the musical fifth and the square of twelve, (yes, that's 144,) as defined on Cowan's website, www.cycle-trader.com. This author did not want to try to press any of his clients to tell him any information from the second set, as this would be both illegal and damaging to Cowan. The material within the first book does not require a non-disclosure agreement, however, and our publication of the validity of these concepts has already triggered waves of new interest in Cowan's books -- so the PR pays for itself. And indeed, more than half of our "Cowanite" clients have already made significant profits from these techniques when we spoke with them.

Now how does this relate to three-dimensional Platonic structures, you ask? The bottom line is that Cowan simply observed the hidden geometric structures that were formed when Gann's radii vectors were compared against each other. Over time, Cowan realized that these radii vectors on "squared" stock market charts would assemble into the "unwrapped" faces of three-dimensional Platonic solids, one face at a time. We remind ourselves at this point that each side of a Platonic Solid is the same length, just like each radius vector is the same length. Three out of five of the Platonic solids are formed by equilateral triangles - the octahedron, tetrahedron and icosahedron. (The cube has square faces, and the faces of the dodecahedron are pentagonal, or five-sided.) All equilateral triangles have 60-degree angles at each corner. And thus, when Cowan started to see the endless redundancy of 60-degree angle relationships between radii vectors, he knew that he had stumbled over something quite grandiose - Stock Market Geometry. And indeed, once it was seen for what it was, it became very obvious that Gann had to have known about it, but simply kept it a secret.

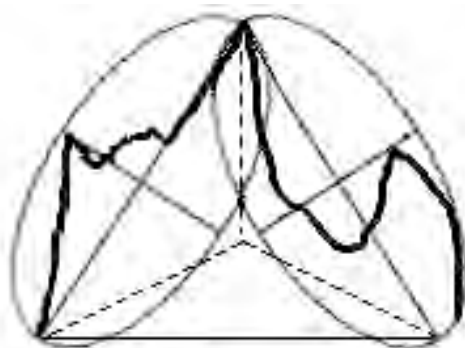
[When we look at the below diagram, we must remember that the ellipses that we are seeing are actually flattened out into two dimensions -- and thus this is not really an honest three-dimensional graphing of what this would look like. It will, however, show us how one tetrahedral face would appear on a perfectly "squared" two-dimensional graph.]



**ELLIPTICAL RADII VECTORS OUTLINING
TETRAHEDRAL GEOMETRY**

And so, once we throw Cowan's work into the mix, we indeed expose how our passage of time here in the third dimension is a truly multi-dimensional, geometric phenomenon. This should be fully expected, since we can see these same effects in space with the Global Grid, and space and time are unified in the sea of Conscious Aether. In his books, Cowan shows us how geometric forms such as the tetrahedron, octahedron and cube reveal themselves in an "unwrapped" form upon a two-dimensional stock market graph.

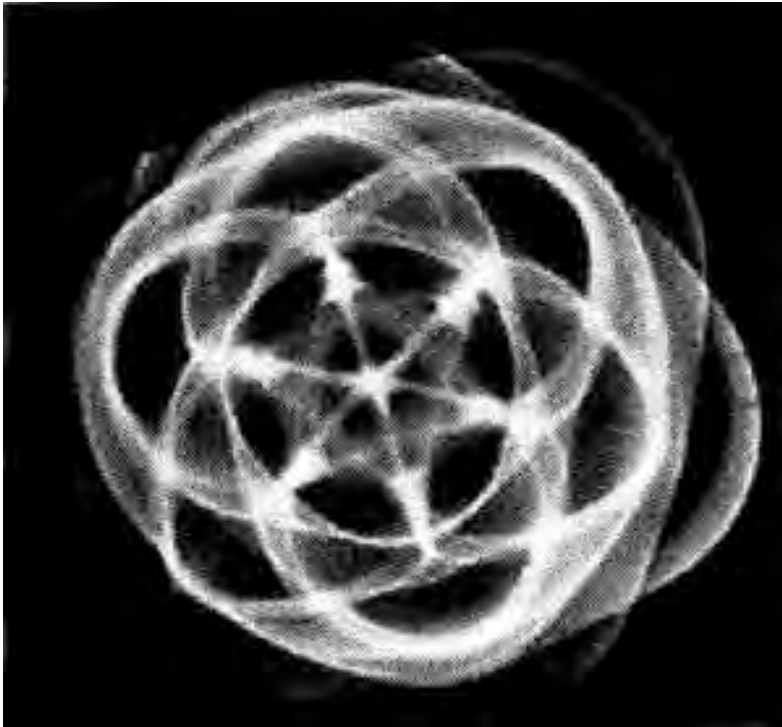
In case this is hard to visualize, we must remind ourselves of what Cowan is fundamentally asking us to do. He is essentially telling us that the movement of a stock, in terms of its radii vectors, forms a hidden three-dimensional geometry. However, we do not have three-dimensional graphs to illustrate this. Therefore, a two-dimensional stock market graph will be a "flattened out" version of three-dimensional action. This could be visualized by actually taking a piece of paper with your squared-out stock market graph on it and then wrapping that paper around the model of a tetrahedron, let's say, whose sides are of equal length to each radius vector on the stock graph. To your amazement, after wrapping that graph around the tetrahedron, (and necessarily crumpling and folding the paper in certain places to correct for the two-dimensional distortions that the paper introduces,) you would indeed see how the graph itself would remarkably hug the outline of the tetrahedron. All twelve clients agree that Cowan has proven this in his first set of books over and over again, beyond any shadow of a doubt, using real examples from the stock market.



**HYPOTHETICAL MOVEMENT OF STOCK GRAPH
OVER TETRAHEDRAL GEOMETRY**

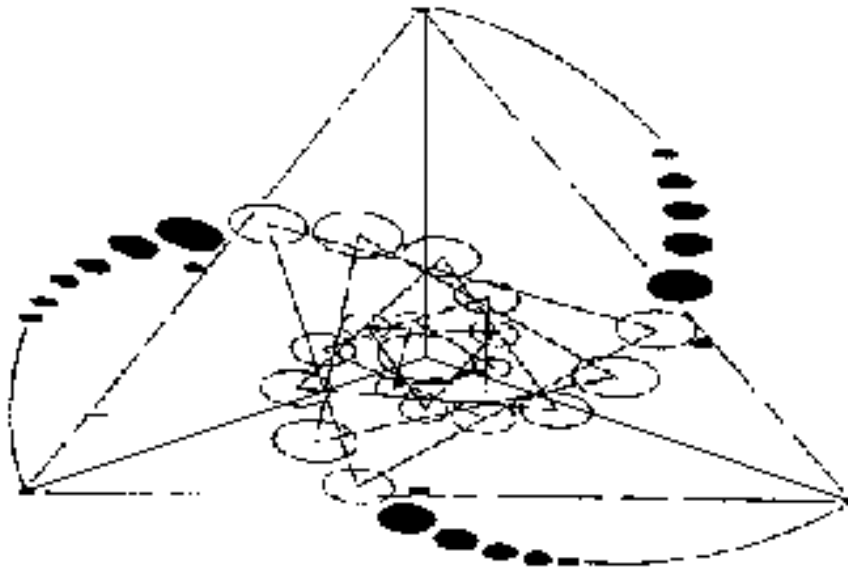
Perhaps what is even more amazing than this is what the ellipses reveal to us. The ellipses actually trace

out the path of a spiral that forms the geometric shape as it moves along. Yes, that's right, a spiral -- the same exact formation that is observed in our images of Cymatics from Hans Jenny, where the Platonic Solids emerged within the vibrations of a fluid, connected by large interconnecting spirals.

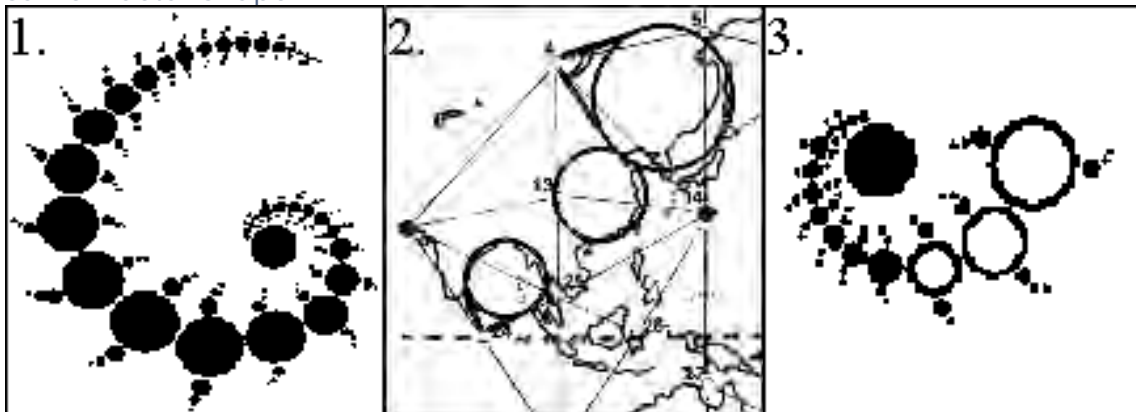


Now, we see the same harmonic, spiraling, geometric passage of energy occurring in the aetheric "fluid" of time, directly through the work of Bradley Cowan. The ellipses that surround each of Gann's 'radii vectors,' or each side of the Platonic Solid, would actually define those places where the spiral is "buckling out" of the geometric shape as it continues its rotating motion.

We should already recognize the below picture, derived from the very well-known "Triple Julia Set" crop formation that appeared literally overnight at Windmill Hill in England in 1997, as we have already printed it before with a circle around it to illustrate its outer spherical field. Again, this diagram helps us visualize how such a spiral, based on the Julia Set fractal, would formulate a tetrahedron. All straight lines and triangles were not in the formation but rather drawn in afterwards, aligning with the shape that the collection of spiraling circles suggested. Furthermore, if we also inserted an inverted mirror-image of the crop formation over this same diagram, we would observe the formation of ellipses that are literally identical to those envisioned by Cowan and visually modeled in the Cymatics experiments of Dr. Jenny.



And if we briefly look back to the spatial distortions of the Global Grid again, as seen in our study of "Grid Circles," we can see circular, unfolding "fractal" spirals in the formation of island chains and continent borders. Furthermore, an overlay from the Stonehenge Julia Set formation in 1996 reveals almost the exact same fractal shape:



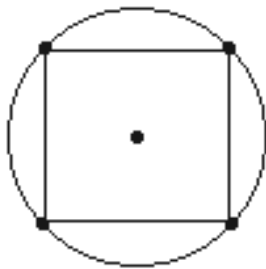
Since the ETs delineated the simple spirals as actually fractal formations, we believe that this is showing us how there can be very large and very small levels of Platonic solids that smoothly interconnect with each other. This fits in perfectly from a quote of Ra:

The term density is a, what you call, mathematical one. The closest analogy is that of music, whereby after seven notes on your western type of scale, if you will, the eighth note begins a new octave. Within your great octave of existence which we share with you, there are seven octaves or densities. Within each sub-density are seven sub-sub-densities. Within each sub-sub-density, seven sub-sub-sub-densities and so on infinitely.

To see this effect occurring with fractals, the Mandelbrot Set certainly could be expanded into three dimensions just like Cowan has done with the stock market graphs, thus revealing the spherical structure of the different aether densities within itself. And one of the most fundamental qualities of any fractal is that it is composed of spiraling lines that will show the same formations over and over again as you zoom in on them. These spirals would naturally form the Platonic geometries within themselves as they unfold, as the

previous crop circle diagram suggests.

What we have learned from Cowan's clients is that lower-order cycles will show up in tetrahedra and octahedra, which in our system are the geometries of the fourth and third densities or dimensions, respectively. However, far longer-term cycles emerge as cubical formations in the market, which would be those of the fifth density. Once again, Cowan shows that the longer-term radii vectors of the graphs can be shown to trace a path over a rotating cube over the course of many years. It would make sense that the cube would take longer to show up than the lower-order shapes, as the cubical geometry of the fifth dimension is of a far higher vibration than the tetrahedron of the fourth.



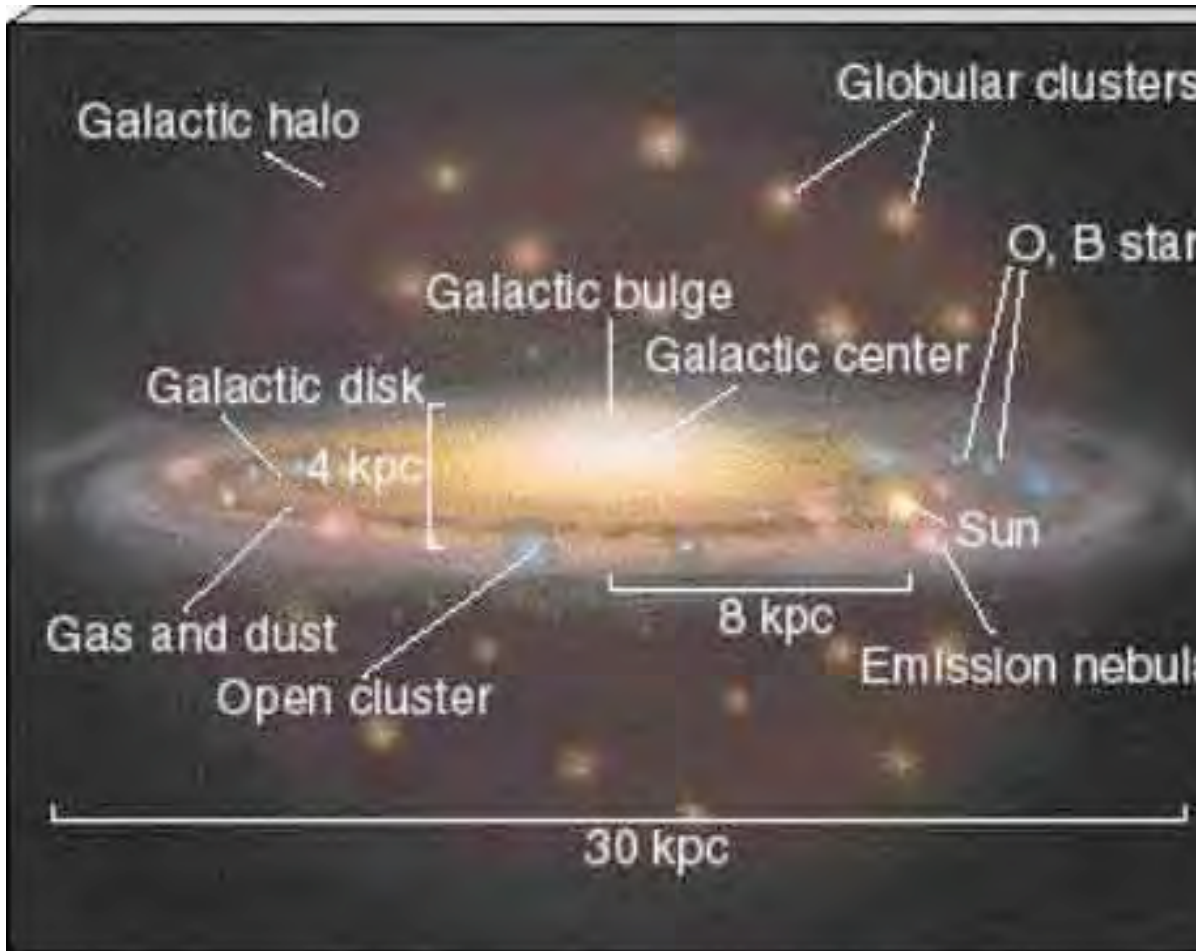
Furthermore, Cowan teaches us that the four-way or "square" division of the 84-year orbital period of the planet Uranus precisely defines the time units that form each side of this basic "market cube" as it unfolds! This is the first big clue that we have to indicate that the orbits of the planets themselves are tracing out these geometric forms in free space, forms which have very active effects on the structure of spacetime as we perceive it. And according to Cowan's clients, a stock trader does not want to tangle with this cube. Based on Cowan's advanced calculations that combine price and time as a whole, both the Crash of 1929 and 1987 could be predicted in advance, practically down to the day, by this cubical structure. And as of May 1999, the potential for the next major downward trend had begun, in terms of geometry, though it has not been as steep as the others thus far -- but even as this book is going to print in April of 2000, the market is experiencing jitters unprecedented since the Crash of 1987.

The last bit of information regarding Bradley Cowan's works that we need to mention at this time is why he calls these stock market cycles "four-dimensional." The reason for this is that in three dimensions, you cannot predict the future, merely study the past and observe the present. However, by accurately deducing the structure and movement of these higher-order geometries in advance, it is indeed possible to move outside of linear time and predict the future with great accuracy. Therefore, since the geometries indeed forecast events that have yet to occur, they can be considered as fourth or even fifth-dimensional in their structure.

GALACTIC GEOMETRIES IN TIME: THE WILCOCK CONSTANT

One of Wilcock's most significant original discoveries in "harmonic aether physics" occurred when he happened to come across an astrophysics professor's webpage. He originally discovered this page in his search for information on the interesting phenomenon of dark matter. The first significant point that David noticed was that the entire galaxy is spinning as a single unit, meaning that the outside portions travel at the same relative speed as the

inside portions, just like a single, connected disc. Obviously this is not the case in our own Solar System, as in order for Pluto to move at the same relative speed as Mercury, it would have to travel at a tremendous velocity. Therefore, our current astrophysicists have postulated that the only way that our Galaxy could spin in unison like this would be if a sphere-shaped field of matter named the "Galactic Halo" exists around it. However, since we cannot see this halo, they have called it "dark matter" and insist that it must be there. And now, based on our understandings of the harmonic aether, we can clearly see that this is unnecessary - it is a simple property of the spherical harmonics of aether vibration that is at work.



As David inspected this page, he came across a number that he had never before been made aware of. In previous manuscript versions of this book, he had alluded to the fact that there must be a comparable Galactic cycle to what was seen in the Nineveh cycle. However, at the time he was unaware that there were any numbers for the length of the Galactic rotation that were precise enough to make any calculations. On the professor's website the number was clearly given: the galaxy rotates once approximately every 225,000,000 years.

David was immediately excited when he saw the number. The first thing that he did was to see if this number could be turned into seconds and thus derived in a similar way to the Nineveh Constant, from the "vibrations" of seven and six. He calculated that there were a total of 31,556,926.08 seconds in a year by multiplying 86,400 per day times 365.2422 days. By multiplying this number into the 225 million-year orbit of the Galaxy, he could get a

ballpark for exactly how many seconds this would be. Then, he eventually realized that if he took 0.7, not 70, and multiplied it by 60 nine times in a row, he came up with a number that was very, very close - a "harmonic" Galaxy orbit of exactly 7,054,387,200,000,000 (or roughly 7 quintillion) seconds in length. Once he had this number, he then simply had to multiply it by 365.2422 to get the exact number of years that it would be -- and thus a true "harmonic year" of the Galaxy became 223,544,814.9201 million years in length. The fact that .7 multiplied by 60 nine times in a row could be 223.5 million, when the professor's figure was set at 225 million, was already quite stunning. David knew that when small numbers are multiplied into large numbers, each successive expansion in size would make it more and more difficult to naturally arrive at such a close correspondence by sheer chance. In other words, he was "on to something big."

David took a deep breath as he realized the next step. In order to see if everything worked out properly, he would have to take the exact length of the Nineveh Constant in years and divide it into the "master harmonic number" for the Galaxy. This was the moment of truth. If the resulting value turned out to be non-harmonic, then there would be nothing left of the theory -- the entire effort would have crumbled apart. David had clearly seen what the true "harmonic" value of the Galaxy's orbit was, and that it was based again solely on the vibrations of seven and six -- so there was reason to believe that it should amount to something. However, this didn't change the fact that David was nervous - if the calculator showed a meaningless number, then he knew that the theory was either seriously flawed or completely wrong. It was a moment that might never happen again in his life the same way.

In order to get to the "moment of truth," he had to calculate the Nineveh Constant in years, by taking its total value of 2,268 million days and dividing it by 365.2422. From this, the exact number of years in one Nineveh Constant turned out to be precisely 6,209,578.192224, or roughly six million years. Then, all that was left was to take this number and divide it by the "harmonic" length of the Galaxy's orbit, at 223,544,814.9201 years. By the time David got to this point and had set up the final calculation, he had already accepted that it probably wasn't going to be anything significant. He was ready for the letdown, ready to go back to the drawing board, ready to start all over again from scratch. He was almost disappointed in himself as he prepared to hit the ENTER key, waiting for the messy number to appear on the screen. After all, anything but a messy number would be a complete miracle.

He took a deep breath, closed his eyes, and pressed ENTER.

Click.

He opened his eyes.

In the window of the calculator shone two digits, and to David's eyes they were as bright as the Sun:

36.

David's entire body went completely numb. Suddenly he burst out of the chair and found himself screaming at the top of his lungs with joy, jumping, shaking his arms and racing around the room- there could be no mistake. "Oh my GOD, oh my GOD, oh my GOD, I can't believe it! Thank you GOD!" The Master Harmonic Number, 36, had appeared right before his eyes as if by magic! It was the Crown Jewel, the Holy Grail, the ultimate proof that the Harmonic Universe Theory was real. David now knew that our planets come into a perfect straight line exactly 36 times in a row for every rotation of the galaxy. The majesty and harmony of the wheelwork of the Creation was exposed. The answer was more beautiful, more elegant than David could have ever possibly imagined. He almost couldn't believe that he was the first one on the planet to have discovered this.

When he finally came to his senses, he had to check the soon-to-be-named Wilcock Constant against the value for the precession in the Nineveh Constant, which in this case turns out to be 25,873.2424676 years long, fairly close to the 25,920-year "harmonic ideal" value. To his amazement, the number was exactly 8640. In other words, everything worked exactly like a clock. There are 3600 seconds in an hour and 86,400 seconds in a day. Similarly, there are 36 Nineveh cycles and 8640 precessional cycles in a "Galactic Year". Everything worked out -- just like a clock. Now, when he went back to the Ra Material, he knew what they were talking about. First, the quote from Session 9:

Thus, each of your planetary entities is on a different cyclical schedule as you might call it. The timing of these cycles is a measurement equal to a portion of intelligent energy. This intelligent energy offers a type of clock. The cycles move as precisely as a clock strikes your hour. Thus, the gateway from intelligent energy to intelligent infinity opens regardless of circumstance on the striking of the hour.

Then, the quote from Session 13:

The spiraling energy, which is the characteristic of what you call "light," moves in a straight-line spiral thus giving spirals an inevitable vector upwards to a more comprehensive beingness with regards to intelligent infinity... The fourth density is, as we have said, as regularized in its approach as the striking of a clock upon the hour. The space/time of your solar system has enabled this planetary sphere to spiral into space/time of a different vibrational configuration...

Then, the quote from Session 14:

Imagine, if you will, the many force fields of the Earth in their geometrically precise web. Energies stream into the Earth planes, as you would call them, from magnetically determined points... the various geometrical centers of electromagnetic energy which surround and shape the planetary sphere.

Then, the quote from Session 15:

Love creating light, becoming love / light, streams into the planetary sphere according to the electromagnetic web of points or nexi of entrance. These streamings are then available to the individual who, like the planet, is a web of electromagnetic energy fields with points or nexi of entrance.

Here, David knew that they were speaking of the chakras. Earlier in this same session, Ra had said the following:

The thought-form distortions of your peoples have caused the energy streamings to enter the planetary magnetic atmosphere, if you would so term this web of energy patterns, in such a way that the proper streamings are not correctly imbued with balanced vibratory light / love from the, shall we say, cosmic level of this octave of existence.

And then, the quote from Session 17:

The fourth density is a vibrational spectrum. Your time / space continuum has spiraled your planetary sphere and your, what we would call galaxy, what you call star, into this vibration. This will cause the planetary sphere itself to electromagnetically realign its vortices of reception of the in-streaming of cosmic forces expressing themselves as vibrational webs so that the Earth thus be fourth-density magnetized, as you may call it...

And then, the case was sealed with the quote from Session 63, started by a question from Dr. Elkins that seemed to pop "out of the blue:"

QUESTIONER: Is there a clock-like face, shall I say, associated with the entire major galaxy so that as it revolves it carries all of these stars and planetary systems from density to density? Is this how it works?

RA: I am Ra. You are perceptive. You may see a three-dimensional clock face or spiral of endlessness which is planned by the Logos for this purpose.

At this point, the only remaining step was to find a reason for why Ra insisted that the key figure for our planetary evolution was three cycles of precession, not one. David returned to the figures from Cotterell, and saw that one full rotational cycle of the fortune cookie-shaped "neutral sheet" surrounding the Sun had been calculated at 18,139 years. This was obviously too big of a number to fit in together with 25,920 years, which would be one precessional wobble of the Earth. David knew that three precessional cycles added up to 77,760 years. Then, he realized that if Cotterell's number was increased from 18,139 years to 18,140, which is a perfectly possible and excusable adjustment, then four of these cycles would add up to 72,560 years. And 77,760 minus 72,560 was 5200 -- again, the same "shift cycle" seen on so many smaller levels with impressive redundancy, based on the harmonics of the number 13. We remember that this even included the difference between the number of J-S conjunctions in one Mayan Calendar as opposed to their harmonic katun counterparts.

David then decided to see how many three-precessional cycles would occur in one full harmonic rotation of the Galaxy. He was hardly surprised to see that the number came out to 2880-- the exact harmonic of "double light" and the first ratio in the common Diatonic scale. In short, everything that Ra had said

about the essential structure, function and architecture of the Universe was true -- and therefore, the actual harvest itself was also a legitimate reality.

And then, David thought back to the remarkable internal timeline structure of the Great Pyramid, which Ra had given to humanity as their greatest blessing -- a structure believed to be the perfect form for initiation and healing. And as he again studied the Timeline, he realized that the remarkable metaphysical qualities of harmonic time and the Shift of the Ages had been built-in all along

CHAPTER 20: GREAT PYRAMID: PROPHECY IN STONE

This chapter starts out with an examination of the harmonic periodicity of historical events, lending greater validity to the concept of time as a geometric, predictable structure. From this basis, we then explore the Great Pyramid Timeline.

We learn how the Pyramid contains a timeline of future events, encoded through geometry and a symbolic code that assigns a different meaning to each number one through thirteen, and a few others as well.

From here, we suggest that Cayce's interpretation of the King's Chamber is indeed correct, and that therefore we are now at the end of the Timeline. We then conclude with some spiritual reflections on the nature of this book.

CHAPTER 20: GREAT PYRAMID: PROPHECY IN STONE

On the night of March 7, 1999, just one day prior to the final completion and publishing of the original manuscript that would become this work, David suddenly received startling new information that changed the whole picture. It was his first big clue that the geometric / harmonic cycles were affecting time directly - but by that time it was too late to do anything except mention it in the conclusion. (He would only hear about Cowan in the months following the publication of the manuscript.) The timing of this information disclosure lent an even greater hand in showing the processes of Divinely guided synchronicity at work -- it had to get in before the manuscript was finished. The author was attending a birthday party in his honor, and David Steinberg, the host of the party, presented him with his unpublished English translation of a work by a French author named Francois Masson. The translation was still in typed manuscript form on yellowing paper, as no American book company had ever actually printed it.

Masson had adopted a method of making prophecy forecasts that worked off of a few basic signposts. He only used those prophets that demonstrated repeated accuracy, such as Nostradamus and Edgar Cayce, and he never advanced a prediction unless he found a minimum of a three-way cross-validation for whatever event was forecasted. The book was written in circa 1974, and we can already see examples of his predictions that have accurately come to pass. Masson's true specialty is in cyclology, or the study of cycles. And indeed, the master number that all of his prophetic calculations are derived from is our precessional / solar cycle number of 25,920 years! Masson draws off of the work of another French author named Michel Helmer, who wrote Cahiers Astrologiques in 1960. Masson says the following about this work, which we have italicized in certain places:

So events do repeat cyclically, but it is never the repeating of the same events but more like an ascending spiral; the similar events manifest in an entirely new context, but their deep roots are identical.

In France, Michel Helmer was the first to reinstate and successfully apply this ancient theory, aided by his discovery of the number $\Phi=1.616$ whose use enables him to locate the peak times within each cycle. (!)

Surely, this adds great weight to our theories of harmonic time. As Masson's book makes abundantly clear, there are rigidly documentable connections between the precessional number, our own "harmonic numbers" that underlie all things, the phi ratio and all major events in human society. It appears as though these same harmonic numbers in years act as a sort of macro-astrology, having an unseen and yet very potent effect. History continues to repeat itself in these harmonic terms for no apparent reason. Masson then tells us about math professor M. E. Bindel at the Waldorfschule in Stuttgart, who published *The Spiritual Elements of Numbers* in 1958, and wrote the following monograph in 1969:

In the *Cahiers Astrologiques* of 1960, M. Helmer presented his theory on the cyclic repetition of events, a cycle based mainly on using the Ideal Pre-eminent Number 25920 and its factors. Applying his theory enabled him to make many exact predictions both economic and political.

In his account, he gave a special place to the Ideal Number, 25920 years. Here is an excerpt of his thesis: he begins by saying:

"Each of the three astrological phenomena that we know are signs in the sky of coordinates of three Space-Times:

- a) The Earth's rotation on its axis equals the Space-Time of the houses (in Worldly Astrology, themes of nations, regimes, political leaders), these themes being like the second hands of the cosmic clock.
- b) The Earth's revolution around the sun equals the Space-Time of the heavy planetary cycles. It is like the minute hand of the cosmic clock.
- c) Finally, the Precession of the Equinoxes, which has 25920 as its symbolic number. The numerological rhythms of this number give us the hour hand of the clock."

We now know that the Precessional number is not by far the extent of the picture -- it expands out into three cycles, into the Constant of Nineveh and finally the Wilcock Constant, the entire harmonic movement of the Galaxy itself. In the following chart, we indicate the numbers for some of the cycles that Masson has already given us, and their corresponding effects on planetary societies. We will also briefly fill in what we know from our own work in the first four entries and the entry for 288:

- 1 25920-year cycle: Grand Solar / Precessional Cycle, marking out great ages of human civilization.
- 2 12960-year cycle: Major division of ages within each cycle.
- 3 5200-year cycle: Mayan Calendar.
- 4 3440-year cycle: Sunspot shift cycle.
- 5 2160-year cycle: Cycle of a civilization or a religion- one Zodiacal age or precessional passage from one constellation of the Zodiac to the next.
- 6 1080-year cycle: The cycle of empires and civilizations, opposing what was created in the 2160-year cycle.
- 7 720-year cycle: Cycle of spiritual changes.
- 8 539 (from Biblical cycle 7x77) or 540-year cycle: Mass movements of peoples.
- 9 360-year cycle: Cycle of changes of regime and internal ideology.

288-year cycle: Cycle of new creation in society, discovered by physicist Tony Smith.

11

180-year cycle: Cycle of political change of regimes.

12

22 and 11-year cycle: Cycle of sunspots, determines placement of events before and after their peaks in other cycles.

And now, let's excerpt one section from the book that begins to explain Masson's accurate prediction regarding the collapse of the Soviet Union. Remember that this was written circa 1974:

Now, there is no a priori relation between this 1:7 ratio and the cycle of 25920 years with its subcycle of 2160 years, presented at the beginning of this chapter -- except for the facts that the French Revolution of 1789 ended in December 1799, and applying the ratio tells us that the Soviet regime will end in late 1990 or early 1991 - and these three dates show up on the chart of the precessional cycle marking the start and finish of mass movements. This date of 1990/91 also comes out of Nostradamus' figure of 73 years 7 months for the Russian revolution - a duration very close to the 73 years 1 month 7 days that our ratio yields. (*Adoption of the year VIII Constitution 25 Dec. 1799, 10 years 5 months 11 days (after 14 July 1789) x 7 = 73 years 1 month 7 days.

Since the precessional Golden Number 25920 contains in its permutations all the outstanding dates of human history, there must be a closer cyclic relationship, but the author has not yet found any. One point worth noting: the parallel is much more accurate for political facts than for military actions.

Exactly why the amount of time for events to unfold increases by a factor of seven is not yet understood at this time; but there are interesting harmonic qualities to the number 7, including the fact that the Nineveh Constant is 70 multiplied seven times by 60. Another arcane point that may have possible meaning is seen with the icosahedron. First, assign a length of one to each side of the icosahedron. Then, if you draw a line from each of the twelve tips of the icosahedron back to the center point, that inside line will be .695 in length, compared to the length of each outside line - and that figure is very close to being seven tenths. Regardless of how this is being done, others with historical knowledge should easily be able to duplicate this research for the present. It appears that a comparison of modern times to Rome is particularly useful - and elsewhere Masson made a direct connection between Emperor Cato of Rome and the politics occurring at that time, and President Carter of the USA and the events occurring at that time. (Once we gain access to the book again we will post a precise reference on this point.) Since even the names of the two are very similar, it shows us how far this science could potentially go!

We do remember reading from Maurice Cotterell that the sunspot cycles, including the larger permutations that he himself discovered and correlated with the Maya, show us many remarkable and concrete connections between the intensity of these energies and the rise and fall of civilizations. Obviously, with the work of Cowan we have now seen the true geometric effects of time

that we would be looking for. And with Masson's work, the theory is truly made complete. We can now see that these harmonic principles, embodied in the spiraling, octave format, truly guide the mass consciousness of humanity through its paces. The rise and fall of nations, ideologies and spiritual faiths all occur according to this mysterious, harmonic principle, which underlies all things.

So our next question is this. The study of cycology reveals that there is more to be known about the nature of events in time than simply whether people are going to buy or sell in the stock market. In a large-scale form of astrology, similar events emerge repeatedly in time, in an ever-expanding spiral. Many of the ancient cultures possessed a piece of the Atlantean secret inheritance and had written of these harmonic cycles in time, but unfortunately this information is so obscure that very little data has been found by this author, despite intensive research devoted to searching for it. As we learn more about these cycles, it probably will not be necessary to find it, as we will be able to re-derive it based on simply studying history and following the harmonic guidelines.

So, what we are suggesting is that the Atlanteans were very well aware of how to use this system of harmonics to predict events in time with great precision. It is this basis that then explains the enigma of the Pyramid Timeline -- how a massive stone structure could have precise historical events built into it with such certainty. Clearly, no one could have come in at the "last minute" and changed these measurements, as they were integral to the construction of the edifice itself. In order to better understand this, we will take a closer look:

THE PYRAMID TIMELINE

We are reminded that the Mayan Calendar was carved in stone, and stands as one of humanity's oldest sources of prophecy. What many people are not aware of is that there is yet another prophecy in stone, far more specific in details than the Mayan calendar. This would be the Great Pyramid of Gizeh in Egypt. It may come as a great surprise to many readers that a complete timeline for the evolution of humanity spanning the last 4000 years and extending 1000 more into the future, is written, in stone, directly into the internal passages of the Great Pyramid. This is not written in words, but rather through the use of a comprehensive numerological system. Understanding this system may at first seem difficult, as it is not a "typical" way of doing things, but the method is quite internally consistent and extremely mathematical and logical.

The most important aspect of generating a mathematical code would be to make a symbolic 'alphabet' to work off of, which all other measurements could then use. In order to do this you would assign each number 1-12 a specific meaning. Certain other numbers related to various mathematical functions could also be used. In order that your code may not be lost, you would carefully preserve its memory within the culture, in this case the Egyptian priestly caste, and thereby introduce your number system into many myths worldwide. We can see that similar numerical encoding was done through the work of Santillana and Von Deschend in Hamlet's Mill, which we already covered.

Then, through skillful combination of numerology, geometry and symbolism, it would be possible to turn these symbolic numbers into a language. You would actually read the passages in the Pyramid themselves as time, counting the years as you traveled forward. The keys to unlocking the meanings in the timeline would then become the height and width of the passages, the degree measurements of the various angles inside, the general direction the passageways travel in, and the basic quality of the stone that the passages are made with -- either granite or limestone. All of these measurements, except the direction and the material used, can be expressed in numerical fashion.

A passage going up and / or to the right would represent progress, while a passage going down and / or to the left would represent decline. Hard granite would represent the spirit, soft limestone the physical body, and physical world. Years could be counted off in Primitive Egyptian Inches, carefully measured as we travel through the narrow passageways. The height of the passage suddenly rises, say at 3 AD, and you would make the new height just the right measurement in inches to convey the massive symbolic explosion of progress that had just occurred.

There are additional ways to refine your mathematical code. Each horizontal layer of blocks that make up the entire structure of the pyramid could be counted from the ground up in courses, and their numbers worked in to the meaning. By using the courses in such a manner, the new height discussed in the previous paragraph could tie in to a symbolic angle measurement, and then the course number could be added to provide even greater detail.

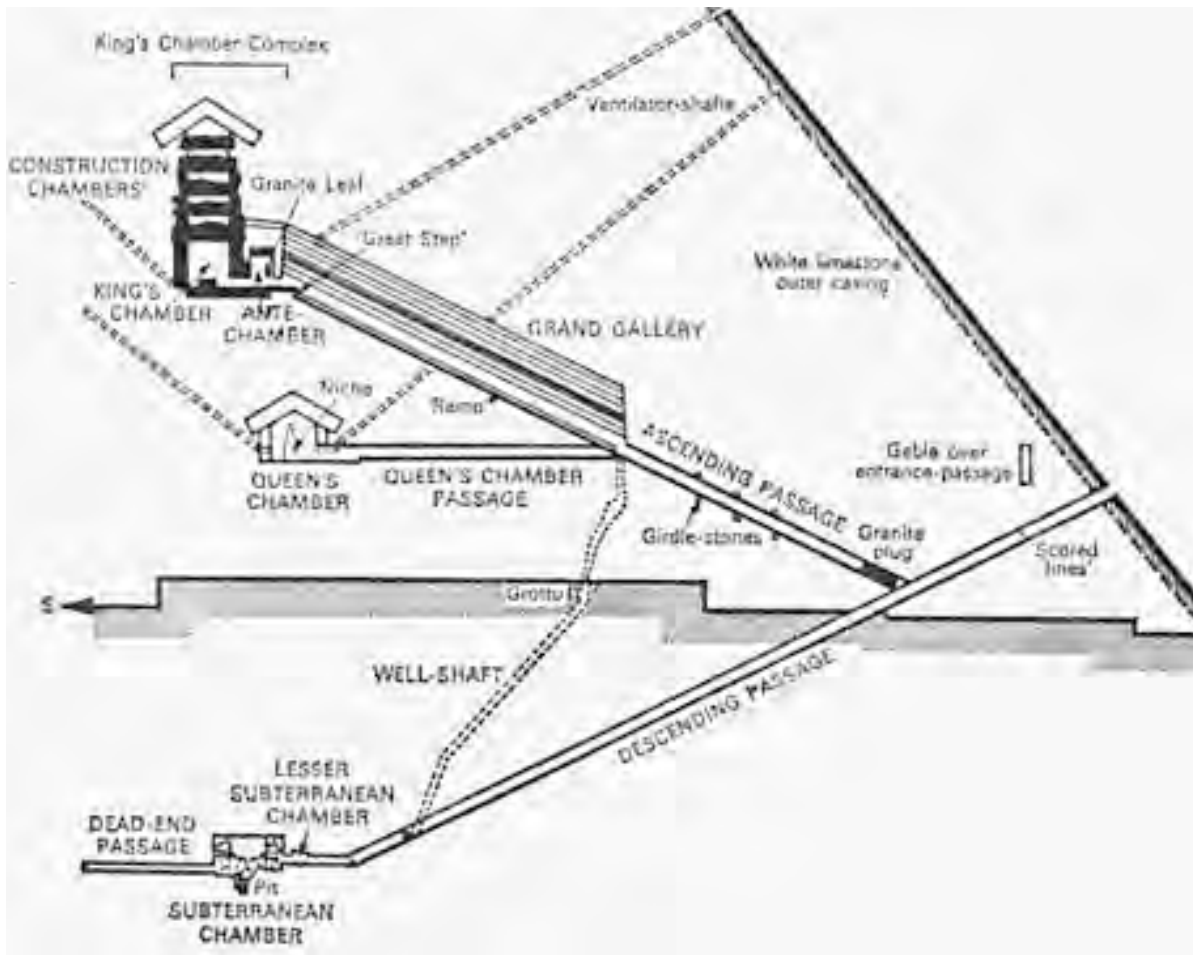
We must be reminded that mathematics is the only true universal language. If you use 360 degrees to measure a circle, a 33-degree angle will always read the same no matter what historical time period you are in. You could write all the predictions you wanted in obscure hieroglyphics, but without something to decipher them, they are useless. We could then say that the Pyramid code itself could be in danger of obsolescence, but mathematics is different than an alphabet of letters; the laws remain constant. The author of *Great Pyramid Decoded*, Peter Lemesurier, takes the time to carefully explain how this code naturally arises as you count forward, emerging from the basic symbolic meanings of each number. A more metaphysical explanation would say that the number meanings themselves are etched into the collective consciousness of humanity, and existed as universal truth long before we built our structure. Then, even if all records were lost, the answers would still come to the initiate in dreams and visions.

Interestingly, Edgar Cayce spoke of this timeline while in a trance state, despite the fact that he was uneducated and obviously had no interest in the symbolic significance of the Pyramid, coming from a strict Fundamentalist Christian background. Here is his reading from June 30, 1932 that explains the point, with special emphasis added by the author.

Then... there began the building of that now called Gizeh... the Hall of the Initiates... This, then, receives all the records from the beginnings of that given by the priest... to that period when there is to be the change in the earth's position and the return of the Great Initiate to that and other lands for the folding up of those prophecies that are depicted there. All changes that came in the religious thought in the world are shown there, in the variations in

which the passage through same is reached, from the base to the top- or to the open tomb and the top. These are signified by both the layer and the color [and] in what direction the turn is made.

This, then is the purpose, for the record and the meaning to be interpreted by those that have come and do come as the teachers of the various periods, in the experience of this present position, of the activity of the spheres of the earth...



Even if we are loath to acknowledge that something like this could really be a fact, the timeline still exists, and many authors have shown that it has already targeted many events with amazing precision. Furthermore, Cayce's reading again hints at the 'present position of the Earth' in terms of the 'activity' of its 'spheres.' The word 'spheres' is plural, not singular, meaning that there is more than one sphere. We can infer from this, when combining it with the other readings in question, that these spheres represent different energetic or dimensional levels surrounding the Earth's physical sphere.

Cayce also states that the Pyramid was built to triangulate upon 'the time when the Earth shifts its position,' which as we have already seen appears to be coming up very soon, as a product of the Sun's activity. Again, Cayce has this date at 2001. Cayce also speaks of the Solar Cycles, correlating it with the rise and fall of various civilizations, including Atlantis.

For starters, in case anyone tries to attack the starting date of the Pyramid Timeline as being open to interpretation, we can show that it is quite definite.

The start date was precisely fixed through a very rare conjunction where the Scored Lines, a set of vertical lines in the Descending Passage near the entrance, aligned with the Pleiades star cluster directly overhead. This was also timed to coincide with the star Alpha Draconis shining directly down into the bottom of the Descending Passage.

This alignment has many similarities to the popular alignment discovered by Robert Bauval, where he demonstrates that the three pyramids of Gizeh are the same in relative size and orientation to the stars in the belt of the constellation Orion. Bauval goes on to show that the entire Egyptian plain was built as a physical map of the heavens. The proximity of the Nile River to the three pyramids is precisely the same as the proximity of the Milky Way to the stars in Orion's belt. This is becoming almost "common knowledge" now in many metaphysical circles, being frequently covered in such areas as documentary programs seen on The Discovery Channel.

Bauval derived his time code is by finding out when the physical pyramid layout of Gizeh was directly lined up with the heavens. Through the drifting action of the precession, which we have already mentioned, there is only one time per cycle that the celestial Orion could line up with the terrestrial Orion, and that was around 11,450 BC. Amazingly, Edgar Cayce's readings said that the pyramid was built from 11,490 to 11,390 BC, so it is clear that Bauval's information triangulated perfectly with Cayce's.

The dating for the Pyramid Timeline is equally intriguing, as it also uses a precise astronomical alignment modulated by the precession in order to encode its time. Bauval showed in his own work that all the 'air shafts' in the Pyramid line up precisely with certain stars in the sky, but only within a time period usually considered to be the mainstream Pyramid Age. This time period is also in sync with the Pleiades / Alpha Draconis lineup. Thus, once we have the start date, all we have to do is start counting in the basic measurement unit for years, which is the Primitive Inch.

The point is, one can attack the prophecies of Edgar Cayce or Nostradamus all they want, but we will see that they can't attack the Pyramid's timeline once it is properly explained. The principal Pyramid book we will draw off of for this timeline is the impeccable Great Pyramid Decoded by Peter Lemesurier. In a sense, with unbelievable numbers of diagrams and exceedingly minute scientific detail for those who choose to read all the footnotes, his book has essentially become the Bible of the Pyramid Timeline.

In order to get an idea of the effect that it has had on established critics, Lemesurier cites a quote on the back of the book from Anthony Smith, from the BBC Kaleidoscope.

...I find it a very, very remarkable book. At the end of reading it I felt that either I should throw it out of the window, or that I should throw every other book in my room out of the window and keep just it.

This is an erudite statement of the massive effect that this book has on the reader's mind. The author remembers well the tremendously epic feelings that he experienced as he walked down the street on a bright sunny day, knowing that the Timeline was real. It was pure ecstasy, as it proved that such visionary feats were possible.

Lemesurier's book essentially proves that somehow, the builders could see a crystal-clear picture of the future, and with even the most conservative dates for the Pyramid's age at 2,500 BC, this becomes an incredible proof that such future predictions can occur.

A variety of predictions in the past have been made with the Great Pyramid Timeline, and these include the following. First we have the date, then the encoded prediction, followed by the events in society:

BC 2623 (summer solstice): Entrance of passage system -- Construction (?) of Pyramid begins during reign of Pharaoh Khufu.

2141 (spring equinox): (Scored Lines aligned with Pleiades) -- (Datum-year for Pyramid's chronograph)

1453 (30th March): Inception of new upward path -- Jewish exodus from Egypt.

797-765: Formative period of favorable development -- 13th Israelite Jubilee?

592-559: Formative period of adversity -- Early Babylonian captivity of Jews and destruction of Solomon's Temple. Decline of Egypt. Era of darkness immediately preceding the sudden dawning of Buddhism, Confucianism, Taoism and, in Europe, the Pythagoreans.

384-352: Favorable formative period -- Era of Plato and Aristotle.

2 (27th Sept.): Birth of central Messianic figure -- Birth of Jesus of Nazareth.

AD 29 (14th Oct.): Preparation of Messianic figure completed (?) -- Baptism of Jesus of Nazareth (?)

33 (1st April): Achievement of full enlightenment by Messianic figure: inception of path of the enlightened -- Crucifixion of Jesus of Nazareth.

46 (March) - 58 (April): Mission of lesser Messianic figure -- Missionary journeys of Paul to the non-Jewish world. Birth era of Buddhist notion of salvation by faith in a bodhisatva (savior.)

58-82: Period of physical death and destruction -- Era of Nero, Vespasian, Titus. Jewish revolt and war.

70: Central event of period -- Sacking of Jerusalem by Titus.

152: Separation of discarnate path of the enlightened from the static path of physical rebirth -- Final break between Nazarenes, official Judaism, and Christians.

1223-28: Man begins to "come of age": return to the basics of the Messianic teachings: first steps towards establishment of hell on earth -- Death of Francis of Assisi: Franciscan and Dominican reform. Thomas Aquinas. Tentative establishment of modern scientific principles: Bishop Grosseteste, Friar Bacon.

1440-1521: Crucial events leading directly to the age of hell on earth -- Invention of printing-press in Europe; fall of Constantinople; the Renaissance; the Reformation; re-discovery of America; circumnavigation of the globe.

1767-1848: Idealistic time of physical turbulence -- American War of Independence; French Revolution; Napoleonic Wars, further revolutions in France, Austria, Hungary, Germany, Italy. Marxism founded.

1845: Initial steps in the foundation of the Final Age -- Spread of effects of Industrial Revolution; railways; invention of telegraph; rapid development in all branches of science; in the arts, the Romantic era; dawn of Orientalism in Europe.

After 1845, a peculiar thing happens before we reach the King's Chamber. There is an element known as the "Great Step," and no one seems to know what to do with it. Lemesurier assigned a mathematical transformation to the length of the timeline at this point, and at first glance it appeared quite valid. In previous editions of this book we commented on some of the interesting synchronicities that this modified timeline seemed to predict. However, the key period of February 1999 came and went with no fanfare, certainly nothing of the sort that would need to be etched in stone for all future generations to see.

We believe that the original reason for why Lemesurier did not want to accept the typically-used dating system is that it ended too quickly. He simply thought this was "illogical" and thus applied his Great Step transformation to buy us more time, thus reducing the length of the counting unit. However, in the process a bias was introduced into the data. On the other hand, if we actually go back to the Edgar Cayce readings, he gave '58 to '98 as a general testing period. This length of time is 40 years, or two J-S conjunctions. We remember the Biblical connections to the 40-year period of time. And when Cayce was asked directly about the time period signified by the King's Chamber, which is essentially the end of the entire Timeline, he said, "'58 to '98." In other words, it appears that we are now in the final stage of this entire timeline, which has already predicted so many other events accurately in the past - most noticeably the Ascension of Jesus, when the Grand Gallery suddenly comes into play, dramatically raising the height of the roof in the aptly-named Ascending Passage.

In the King's Chamber there is an empty tomb, and this is the symbol of no more death. We then also have two shafts that have been shown by Bauval and others to directly triangulate on stars in the Heavens. And thus, the ultimate message that the Pyramid Timeline seems to give us is of the Harvest. The starting date was set, the ending date is now and the only place that we have left to go is through the star-shafts. Death is transcended, life is renewed and the capstone is returned to the top of the Pyramid. The formerly incomplete spiritual nature of humanity, symbolized by the six-sided pyramid without a capstone, is replaced by the five-sided pyramid in its new perfected form, representing the final renewal of humanity in a "New Order of Ages." (Novus Ordo Seclorum.)

However, something that most researchers never consider is that the star-shafts also could symbolize those who would travel from the stars to the

Earth, to assist us through this time where normal death is transcended -- just as Jesus underwent in his own Pyramidal initiation and subsequent self-transformation. Clear evidence has shown that the image on the Shroud of Turin appears to have been burned in by an incredible source of Light. With a dimensional shift of this magnitude coming our way, it is foolish for us to assume that something like this might not happen. However, David's readings have informed us that for most people, there will be a "pick-up" at the moment that the critical threshold is released, and only after this Exodus within a super-high-tech form of Noah's Ark is complete will the Pole Shift happen. In short, we have nothing to worry about, and should not underestimate the power of the higher forces when they are around us so consistently at this time in history. And even if you don't believe that it is going to happen this way, if "they" do show up at your door, don't hesitate! Don't ask to bring anything with you, don't worry about anything. This is your moment. This is your day. Enjoy your graduation, and walk down the aisle of the wedding of flesh to Spirit without fear or reservation. You will be returning to an Earth that is the home we have all wished for.

THE EGO AND THE QUEST FOR ACCEPTANCE

And so, we have arrived at our point of conclusion. Ra claims to have given this Pyramid to humanity, and we can see that the harvest was built-in to the design. Rather than struggling with the incredibly complex specifics about the timeline, (since it takes an entire book to properly explain,) shutting down because the weight of evidence is too intense or just denying the entire batch of evidence in this book with a satisfying, arrogant laugh, let's look at the big picture. If we really expect to get anywhere, we need to act like we're watching a movie, and stop the small I, or the Ego, from raging inside of us.

The Ego demands that everything must stay the same – we work five days a week, hang out on weekends, and stare at a fast-moving, brightly colored glass box for recreation. Perhaps something like God is out there, but it remains forever hidden and veiled, as we just become a cold lifeless corpse at the fearsome time of death, our consciousness forever expired. Our neat little world is perfectly explained because "they say" it is, and therefore nothing this fantastic could ever really happen.

That is precisely why very, very few are prepared for the Harvest, according to Ra. These forces would dearly love to teach us the very simple steps that we need to take in order to make the cut. They dearly want to teach all of us how to prepare for this, the most fantastic moment we will ever experience as third-density beings – GRADUATION. This event represents the end of the suffering that the third density provides; it is a final, beautiful entrance into Utopia. It is the "Heaven" so often written about by prophets and mystics, and it is very real. The abilities we will have far outstrip our wildest stretches of imagination.

The reason why so many Earth Changes have already occurred before the event itself is that we were not capable of learning any other way. We needed to be practically destroyed as a civilization to be slammed out of our perpetual slumber. Our lives are giant dreams, where the only things that matter are the transient issues that surface day to day; money, relationships, work, paying the bills, et cetera. None of this matters one iota, except for its effect on how we treat others. We cannot deny the fact, though, that for now we

must continue to go through the motions to preserve our physical bodies.

What will matter the most in the near future of our physical world is how prepared we are for the continuing Earth Changes when all of these systems have dropped out from under us. These events will help us to respect that something much bigger than we had imagined is at work. Many of us will suddenly know the forces of change that we have brought about ourselves; almost all will cower in fear at the apparent "wrath of God." In actuality, this is natural karma, compassionately applied with never the slightest bit more than we need for balance, and designed as a learning tool.

Indeed, it becomes quite clear that the Shift of the Ages is the name of the game, the whole point behind all of the physically hopeless situations. Much of this book has been designed to show us how the millennial event horizon is the opening of a vortex through space and time – a vortex that we can pass into. When the time is right, we will embark on a personal adventure more fantastic than anything we could have ever dreamed of. Indeed, no movie sequence or artist's vision could possibly match the joy, beauty and peace of what will be. That, dear friends, is the joy of the Harvest.

As we can see, the information in this book is not a story of, "Oh well, I guess this is it, we're all going to die." What you, the reader, actually have here is the opportunity to take part in the most historic single moment of evolution in this planet's history. But if you don't want to know about it, you can choose not to. Again and again, these sources have emphasized that it is your own free will, your universal right to be protected from truth if you do not want to know the truth, that stops you from being clearly forewarned.

So let's say you do want to know the truth. What we are talking about here is evolution of your true Self on the energetic, harmonic and light levels, or Spiritual Growth, as is so commonly talked about. Spiritual growth must, by nature of its design, involve your own choices every step of the way. It is not the will of the One to force you into preparing yourself for Harvest. If you continue to resist, and in fact miss the whole thing, you must be allowed to make that choice. It is possible that you might be unaware that it ever even happened afterwards. Without your freewill choices in place, there is no growth; you would be an automaton who would never really learn anything, just going through the motions.

This evolutionary leap is as much personal as it is planetary, and that is the essential focus that most people are failing to see when examining the issues surrounding the now-obvious Earth Changes that are occurring, as predicted. This is a step that we must make within ourselves, and in fact the conditions of the larger world are not to be looked at as outside events, but rather as motivators for us to become ever more highly engaged in our own personal growth process.

The crux of the growth process that we are referring to here is the acceptance of other people, and of a desire to help them; a desire to act on behalf of others around us before taking actions that would be for our own individual gains. When we begin understanding the way the universe truly works, that it is a universe of Oneness, we may then realize that helping others is in fact attending to our own One Being, meaning ourselves, the others, the entire planet and in essence, the entire Creation. It is only in our illusory feelings of

being separate from the One that we would act, in fear, for our own interests first.

CHAPTER 21: CONCLUSION: TYING IT ALL TOGETHER

In this final chapter, we push all the "buttons" simultaneously, weaving all the arguments presented in the book together into one package.

We see that the entire argument assembles together perfectly.

We also provide a few more compelling bits of new information, including the emergence of the "11:11" ratio in the Great Pyramid and the idea that the August 99 - May 2000 period is a major vibrational gateway to usher in higher vibrations.

CHAPTER 21: CONCLUSION: TYING IT ALL TOGETHER

We can look at all of the information within this book as a scientific study, a means of correlating psychic and historical data with observable, empirical facts. We have explored both avenues and seen the multitudinous points where they intersect. As we move closer and closer to the truth, we start to feel a very interesting sensation. "What about me? What about right now? Is this really going to happen to me? Could something like this actually be possible?"

The actual idea of Ascension is quite incredible to grasp. So many important public figures speak on UFOlogy, spirituality and metaphysics currently, but the topic of Ascension is very curiously absent in the vast majority of cases. We simply don't want to accept something that becomes such a towering, impending edifice of truth. Perhaps we are afraid that it "couldn't possibly happen," and thus we are not willing to go out on a limb and talk about it - risking our reputations for something that we think might never actually happen. Our rational, Ego minds fear their own transformation, and in their lack of knowledge or trust in what might lie beyond, we are land-bound. The idea of our bodies being transformed into a higher dimensional frequency seems to defy every bit of rational thought and analysis that we can summon up.

Undoubtedly, the physics are in place. This book shows that to be true in a format more comprehensive than anything else previously compiled into one work. We can also see how many others have gone before us, including the Master Jesus. We can look back on the knowledge of the metaphysics of the One, and realize that it is our own personal destiny for each one of us to individually return to this Oneness, one frequency at a time. But, no matter how much we struggle and fight with the third dimensional world, we cannot conceive of leaving it behind. The whole idea of such a thing seems to invalidate every living fiber and tissue of our bodies.

When we pass into death, we know that there will be profound changes. Some of us think that we will simply cease to exist. Others expect that they will simply reincarnate and go through the treadmill yet again. Still others expect to enter into a static "heaven" where everyone flies around with angel wings, plays harps, drinks the nectar of the gods and eats the sacred ambrosia. And others might expect that they will rejoin our lost Space Brothers, passing into a higher level of Utopian existence where "anything goes."

The truth is that we feel we just can't answer these questions. We don't think that there is any way to "know" the answer to these mysteries. The harder we try to think about them, the more we feel our own impotence in explaining these great mysteries of Creation. Nowhere is this more directly felt than within our minds, as we grapple with the knowledge of death. Many of us are very frightened by death, since we just don't know what to expect and may fear the worst.

We all need to make a choice within ourselves. A choice to accept that such a fantastic thing as Ascension could really occur. We all need to allow ourselves to fantasize about the incredible possibilities. Are we really meant to stay on Earth forever as we are now, forever reincarnating to play the game over and over again? Or is there a pattern involved? Are we just crashing our way through our lives, or is there a purpose for our being here? Do the experiences and events that happen in our lives have meaning and purpose, or are they all simply random circumstances?

Although we don't think about these things in rational terms, all of us are aware that there is a purpose to our lives. We are not simply put here to be born, make widgets, buy products on TV and die. We are spiritual beings, living inheritors of a Divine legacy that has expanded itself throughout the entire cosmos. We have souls, and we are all trying to "grow" spiritually. We might wonder at various times what this "spiritual growth" entails, but overall we can see that it has to do with being more accepting of both ourselves as well as other people. We all innately know that "spiritual growth" is a movement towards being more loving, all across the board.

But what is the purpose of spiritual growth, if it does indeed exist? Are we supposed to keep repeating the same script over and over again? If reincarnation exists, do we simply drop down to Earth time after time, just to keep trying? Are we never going to reach a point of completion in this, our "spiritual growth?" Is there more to life than being a human in a three-dimensional body? Do the higher dimensions that our physicists have discovered simply exist as "place holders" in the Universe, or are they realms of Creation that are equally alive, and higher than our own?

Are we about to Graduate? If so, what does this mean? Could this graduation represent our own transcension of the third dimension, and its difficulties? All of us know how hard it is to be here, and how many challenges need to be overcome. All of us can see how many people exist on the face of this Earth in disharmony, causing damage to themselves, to others and to the environment. All of us can see that we have practically destroyed ourselves in order to learn our lessons. And now, it seems that with environmental deterioration, earthquakes, weather disturbances, economic failures and other Earth Changes, the present world that we have created for ourselves is dissolving very rapidly.

Since all things must move in cycles, can we not see the reality of our own Solar Cycle? Do we not see the incredible timing between a cycle that has been talked about for thousands of years, and the actual conditions that we see in the present? How could the Maya have possibly known what the conditions would be like at this point in our history, as we head towards December 22, 2012? How could we have ever expected that things would get to be this way? Even just a few years ago, people scoffed at the idea of

changes surrounding the New Millennium, either good or bad. And yet now, everyone is becoming very seriously aware of the potential for major social changes at a very rapid speed. Perhaps we will read this book only a few months before these changes move into the next major level.

If we look back to the work of Colonel Phillip Corso, who came forward about the reverse-engineering projects that he himself helped to develop from extraterrestrial technology, the pieces all start to fit together. For some inexplicable reason, we have had a number of extraterrestrial spacecraft crash-land on Earth, and apparently more than one of them have had no damage whatsoever. If what Corso says is true, and we have every reason to believe that it is, we simply would not have our current technology without this intervention.

But what exactly does that mean for us as global citizens? Why can we look at the Pyramid Timeline and see an exact schedule for a multitude of events in the past, present and future? If Bauval and Cayce are correct in dating the age of the Great Pyramid and the rest of the Gizeh complex to 12,500 years ago, then how could it be possible that these historical events could be plotted out with such incredible accuracy? Do we ever stop to think about this, or do we just shove it under the rug in order to protect our fragile "belief structures" that we have built up throughout all of our lives?

Is it possible that these extraterrestrials purposefully gave us their technology, in order that we would produce computer chips, lasers, fiber optics, infrared vision, Teflon, superconducting ceramics, anti-gravity propulsion, time travel and other things? When we look at the "big picture," where would we be if the computer chip was never discovered? There would be no Internet, no remote controls, no cordless telephones, no calculators, no digital watches, no credit cards, no ATMs, no VCRs, no video movie cameras, no answering machines, no voice mail... hardly anything that we now have come to rely on would exist.

The system of physics presented in this book, when properly utilized in any dimensional level, has the potential to eliminate all of the crises and hardships that we now face on Earth. We now know that we have the ability to harness limitless sources of free energy from this Grid system. We are moving closer and closer to what Christian mystic Teilhard de Chardin called the "Omega Point," or "a moment of quantum awakening." When we look back to the enigma of the Pyramid Timeline, we wonder how such accuracy could be rendered. Was this all a simple case of remarkably accurate future prophecy? Or was there more to it than that?

Is it possible that the reason why the Pyramid Timeline exists is that its creators were simply observing the natural products of the Great Solar Cycle? Is it also possible that the "gift" of modern crashed-disk technology was purposefully introduced into our society by extraterrestrial beings in order that we advance quickly enough to be "on schedule" with the Cycle? Is it possible that the entire reason for crop circles, sightings, abductions, contact experiences and other related events is to prepare us for this awesome event? Can we really even fathom the possibility that the Earth is being transformed, being reborn? Do we have the ability to look within ourselves and see the darkness, to transform ourselves into Light as well?

Are we Ascending even now as we read this book? Or, do we simply choose to repeat our habit patterns, going down the same old roads of the psyche time after time, never learning our lessons? Are we simply supposed to be allowed to destroy the Earth through our own inability to stop the systems that we ourselves created? If we were left to our own devices, with no universal cycles or outside intervention, would we actually complete our Graduation curriculum, or would we simply let ourselves and our Earth perish?

How long will we continue to look away from the warning signs that are all around us? When we hold positions of power, where changes can be made, do we retreat back into what is familiar and comfortable so that we might never have to face the truth? Do we simply erect a barrier within the psyche, shutting out the importance of anything else but our own self-indulgence and gratification? Or, do we activate our sense of compassion for others and for the Earth, and begin trying to make positive changes?

We need to stop measuring reality on what we think we know is true, to stop indulging ourselves in assuming that we have all the answers. We need to be willing to crack the door open just a bit. This book is a backstage pass into some of the behind-the-scenes activity that is going on here on Earth. Can we ever know the full extent of this activity? Probably not. Can we approach a great deal of it and begin to understand it? Absolutely.

A great portion of this material was inspired through direct contacts with those who already exist in higher realms. We have quoted Edgar Cayce, the Ra Material, the Seth Material, Walter Russell and the Wilcock Readings. We have seen repeated examples of historical cases of extraterrestrial intervention, including the stunning picture of the Solomon Islands religious idols that were reprinted in this book. These idols looked almost exactly the same as what we would now think of as modern-day Greys. If we look back to the Jane Roberts books, we can see yet another confirmation of the morphology of the "Grey," back in 1968 when no one was talking about these guys yet.

Millions and millions of us have come to accept that we are not the only game in town. We can hardly even fathom the awesomeness of a complete civilization existing in ruins on our closest neighboring planet, Mars. And yet, when we go there, we see a physical layout for all the same hyperdimensional systems of physics that we have been discussing in this book.

Do we open our minds and dare to dream the impossible dream? Do we face up to the truth, look everything squarely in the eye and accept the possibility that we will Ascend? Are we ready for the most awesome, majestic, unbelievable, incredible, mind-expanding, paradigm shifting event in the history of human civilization? Do we allow ourselves to entertain the notion that this could really be true, or do our hardened minds simply revert back to "reality mode?" Does the reality of the 8 to 5, workaday life have us in its clutches? Do monthly bills and yearly taxes fix us into an immovable structure of beliefs? Do we simply indulge in believing that "this world sucks and that's the way it is?" Is it not more invigorating, more exciting, more adventurous to expand the limitations of our minds? To accept that Ascension is a reality?

All the clues have been set before us in this book. So now, let's briefly review what those clues are.

In the Introduction, we started out by discussing the imminent changes all around us at this time. None of us can deny that our world is moving into a totally new phase of its development. We looked at some of the multitudes of creative works being produced in modern times, and examined how these apparently subconscious metaphors for Ascension have surfaced again and again. In Convergence Book Three: Psychic Revelations, we will examine more completely how it is that all of us are being prepared for Ascension through our dreaming lives. Wilcock's associate Joe Mason has done a great deal of research on this topic as well.

In Chapter Two, we proposed the idea of a hidden "zero-point energy" or aether in the universe that obeys fluid-like harmonic properties of vibration, in order that we might then find the mechanism of this system of physics that we have been discussing. We started by looking at the phenomenon of consciousness units, the unseen energetic structures "beneath" physical matter. We took quotes from The Ra Material, The Seth Material and Walter Russell to give us a conceptual basis for understanding these enigmatic "units." What we have showed is that they provide a "structure" within the background energy of the Creation, corresponding to the relative density of energy in any one area. And it is this same structure that is directly responsible for the relative speed and quality of the passage of time as we now know it.

After laying out the conceptual foundations for consciousness units, we described how the octave structure of the dimensions best exemplifies this organization. Modern physics is already well on the way to discovering that there is indeed an octave of dimensions - certainly a very metaphysical concept, a "deep numerology that no one understands." So far the physicists have felt that the superstrings lack "symmetry," and thus they have added two more dimensions to the universe to balance this. This does not show up in Srinivasa Ramanujan's modular functions, which are related to the dimensions and abound with the numbers 8 and 24. Physicist Tony King then revealed exactly what we were looking for -- an eight-dimensional spacetime that is built upon a series of Platonic "hyperframes," as we continue to remind ourselves that the Platonic geometries are the simple result of vibration in a fluid-like medium.

Taking this eight-fold structure of dimensions, we looked at how there is a direct correlation between light and sound - both of which fall into an octave. We explained how the octave also shows up within the electron orbits of the atom. Each "shell" can hold a maximum of eight electrons, before it must rise into the next "shell" or frequency. We also saw how human DNA conforms to an octave structure as well, incorporating the square of 8, or 64 proteins in each strand. This was correlated with modern discoveries of the identical mathematical structure of the I Ching. We have suggested that it is conceivable that the ancient Chinese authors of the I Ching were able to "download" the DNA structure from Universal Consciousness, which fundamentally entrains Light and harnesses it into its natural, spiraling form.

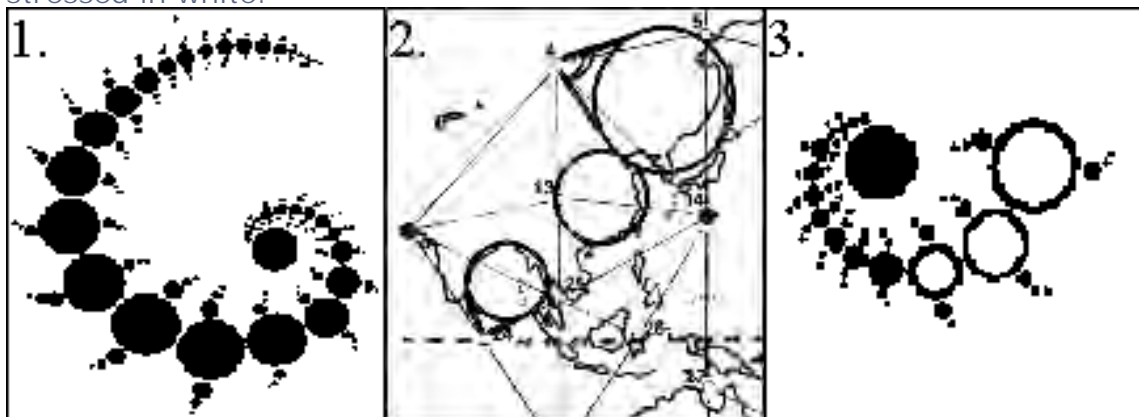
Then, in later chapters we also saw that cell mitosis goes through an octave as well -- eight phases in seven intervals. Robert Lawlor also expressed to us that there are seven main subsystems to the human nervous system. We also learned that the Renaissance scientists were obsessed with finding symmetry and mathematical proportions such as phi within the measurements of the

human body, and that there are an incredible number of these correlations. These ratios govern the growth of all living structures on this planet, as well as the growth of entire civilizations and Time itself as well! So from the biological perspective, we can start to see that we ourselves are also a function of this octave structure on a very intimate level - from DNA to our cells to our nervous system, skeletal system and many other areas as well. (As one skeletal example, we have seven cervical vertebrae, twelve dorsal vertebrae and four lumbar vertebrae - again, all the octave-based, building block "frequency numbers.")

We then have seen that geometry is the third component to this puzzle. In the words of Hipparchus, "Geometry is frozen music." We have gone to great lengths to show how the Platonic solids illustrate various frequencies, all of which are "encoded" within a spherical energy field. The work of Buckminster Fuller showed us that a spherical balloon, submerged in dye, would visually demonstrate the Platonic solids when vibrated at different frequencies, or tones. Dr. Hans Jenny followed this up with the vibrations of pure sound in hydro-dynamic dispersions. However, the problem with these Platonic frequencies, as we had stated it, was that there did not appear to be a full octave of Platonic solids to satisfy an octave of vibrations. The ancient Hindu writings in the Vedas provided the solution for us, by demonstrating how the icosahedron, or what they named the god Purusha, was repeated twice in the "octave," at positions two and seven.

We then saw that this knowledge regarding the three-dimensional structure of "consciousness units" has been repeated to us by the arguably non-terrestrial phenomenon of crop circles. Anyone can go to www.cropcircleconnector.com, pay a small fee to become a member and peruse the yearly archives of crop circles, from every year since 1977 and especially 96, 97 and 98, and easily see diagrams of "consciousness units" as well as the spirals that make them up. Upon careful study of the archives of these formations as a whole, it can be seen that well over 90 percent of all crop circles in existence appear to be geometric expressions of consciousness units in many different forms! Some show the geometries themselves, and other more recent formations actually show us the spirals, complete with their fractal counterparts!

We again bring in the B&W image of Stonehenge 1996, which is another amazing phi-shaped Julia Set fractal crop circle, with our image from the chapter on the Becker-Hagens grid, and then an inverted, magnified and reversed clipping of the Stonehenge formation with the appropriate circles stressed in white:



From this diagram, we can indeed see that these "Earth Grid Circles" that

Richard Lefors Clark called "Diamagnetic Energy Vortices" could be showing us how this spiraling energy works within the Global Grid, in a very physical form. These crop circles might not simply be showing us fractals to pique our interest, but to give us valuable information for decoding the pulsating structure of the Creation. Furthermore, if you look closely at the three circles in image number 2, they are remarkably similar in size and position to the three stars in the belt of Orion, which are also remarkably similar in size and position to the three Pyramids of Giza. And thus, this same harmonic law certainly may be organizing these three stars in a harmonic spiral as well.

So, it is obvious that "someone" is trying to get us to put all of this together. Thankfully, there are many ways to approach this problem, and thus the proof can come in a variety of forms. The focus in the last few chapters of Part II has specifically dealt with how these geometric energies show themselves within planetary structures. We have looked at the work of Bruce Cathie, who showed a cube / octahedron structure within the Earth's energetic fields, and demonstrated how it was apparently being used for navigation by UFOs. We also looked at the work of Richard Hoagland and the Enterprise Mission, who showed us how the tetrahedron emerges as a system of energetic upwellings that occur on planets all throughout the Solar System, as well as Earth.

The next step was to see how Carl Munck fit into all of this. He showed us a discrete "coordinate system" that was in use by previous Earth civilizations to map these energies. As amazing as it must seem to the skeptical, Munck conclusively demonstrates that the structure of pyramids, temples, stone circles and earthworks all are based on a planet-wide system of classification. No matter where they are situated, they provide self-referential coordinates that describe their precise location on the Earth, in latitude and longitude. The center point for all of these coordinates passes directly through the Great Pyramid of Gizeh. In order for the builders of this coordinate system to have made these precise calculations, they would have needed a level of technology or focused spiritual consciousness comparable to modern computers or geniuses like Srinivasa Ramanujan.

We also know from examining the geometric structure of these consciousness units that the pyramid structure is a perfect replication of our own native density, the octahedral level. Therefore, it would make sense that the Great Pyramid of Gizeh, with its mirror-perfect polished white limestone casing stones, cemented together at 1/100th of an inch, would be situated on the best energy vortex the Earth has to offer. We are literally viewing a lost technology that is still far more advanced than our own. If we know how to use it, as these pyramid builders did, then tremendous things would be possible. Not only are they valid for healing and initiation, but they balance the energies of the planet and can lend tremendous energy for excursions in consciousness. With these energies properly harnessed, a human entity could basically log on to the Cosmic Internet and get any information needed, from any period of time in any location.

The next interesting series of points that we raised have to do with the actual frequency of light speed, and its harmonic connections to the basic "frequency numbers" that we have continually mentioned. Through Cathie's research, we can see that the value for light speed, expressed in harmonic Global Grid terms of minutes of arc per grid second, is precisely 144,000. This is exactly the same as the number of days in one Mayan Calendar "baktun" time period,

as well as being a direct harmonic of the sound frequencies, expressed as a number of cycles per second of vibration in air.

Then, when we factor in the work of Carl Munck, the results become even more significant. Munck's work showed us the validity of inches, feet and miles as a measurement, which we can also see in the harmonic 2,160-mile diameter of the Moon. We also know that the second is very important as well, because of the existence of the Constant of Nineveh, and the fact that the second is the only value of time that will precisely yield the series of round "frequency numbers" that we now use to express sound vibrations. So, the old-fashioned value for the Speed of Light, expressed in miles per second, should have something interesting to offer us.

With the work of Carl Munck, we are left with no doubts about the harmonic importance of our present figure for light speed in miles per second. We remember that Munck took the tangents of all of the Gematrian "frequency numbers," including all those that measure sound vibrations, and determined that they all reduced down to only two simple values! That means that for every single frequency number we have discussed, as well as other harmonic and Gematrian numbers, the "spiral" or waveform that they describe appears to be the same. We know this because the tangent function is used to measure and calculate curvatures. What was even more incredible was that by multiplying these two tangents together, or showing how they both are One, part of a unified, spiraling system, we get the square root of five! And Robert Lawlor makes a solid mathematical / geometrical case in Sacred Geometry for the fact that the square root of five directly generates the phi ratio.

We know from studying the side lengths of the Platonic Solids that they are all a function of phi and the square root of two. Now we can see that the "spiral" formed by multiplying the two common tangents of all our "frequency numbers", namely the square root of five, also directly produces this same phi ratio! Furthermore, Munck tells us that the square root of five, which is the key to the whole puzzle of phi and the "consciousness units," is also the tangent of the Speed of Light in free space! In other words, the "upward spiraling line of light" indicated by Ra travels in the exact same mathematical fashion as our Platonic solids and frequency numbers - utilizing a spiral that is tangentially measured by the square root of five!

What we can see from this "final capstone" to the puzzle is that the Gematrian frequency numbers for sound vibrations are indeed the key to understanding the entire composite picture that we have here. These numbers mark out the actual intervals of the spiral of Light that forms the consciousness units. By seeing that the Speed of Light also functions with mathematical precision through the same spiral physics, we can no longer doubt the fundamental, cohesive unity of the "consciousness unit" as we have outlined it here. Nor can we possibly deny its effects on the Earth when studying the Global Grid, specifically the Becker / Hagens UVG 120 Polyhedron, which unifies all the Platonic Solids into one basic form.

So, when we understand that these frequency numbers indicate a spiraling system of Light, and we also know that they indicate dimensional frequencies as well, our ears perk up when we see these same numbers in the Great Solar Cycle. We remember that the figure of 25,920 years is a precise

harmonic value that can yield all other "frequency numbers" through division. The Mayan Calendar itself, charting out one fifth of this cycle, also shows us these numbers in its organization. So, when we see that the Sun and planets are also a unified, spiraling system or consciousness unit, tracing their orbits through free-standing space in a spiral fashion, we can see why so many prophetic sources have indicated a dimensional shift from this event.

What we now understand is that the Great Solar Cycle embodies this complete, unified system of physics that we have described. It is yet another functioning aspect of the consciousness unit in action, since the CU can be infinitesimally small or infinitely large. Since there is no real space in the Universe, all levels of the CU are actually the same relative "size." We are told in the Ra Material that we can precisely measure the cycles of the Sun with exactness, since it is a Universal Law that all systems must operate in such cycles. Now that we have the physics behind it, we can see why. Each solar system is a consciousness unit that must pulsate through different dimensional frequencies at a precise rate of speed, which the harmonics of the spiral itself determines. The planets exhibit these harmonic, musical ratios in their relative positions one to the other, thus exemplifying the nature of any Solar System as "crystallized music" or light. The author remembers seeing a study from Zecharia Sitchin that illustrated a similar harmonic structure to the Uranian moon system as well.

In Chapter Fifteen, we zoned in on Edgar Cayce reading 1602-003, and on the following enigmatic lines:

In 1998 we may find a great deal of the activities as have been wrought by the gradual changes that are coming about. These are at the periods when the cycle of the solar activity, or the years as related to the sun's passage through the various spheres of activity become paramount... to the change between the Piscean and Aquarian age...

We then looked at Cayce's timeline of events, and saw that this "cycle of the solar activity" appears to break down into roughly 25,000-year intervals. We connected this cycle of time to the 25,920-year precession of the equinoxes, the Earth's slow wobble which shifts our view of the stars in the night sky by one degree every seventy-two years. Then, we examined the Ra Material, and we saw that this roughly 25,000-year solar cycle is indeed in effect, and will shift the dimensional frequencies here on Earth:

...One major cycle is approximately 25,000 of your years. There are three cycles of this nature during which those who have progressed may be harvested at the end of three major cycles... This sphere... has not made an easy transition to the vibrations which beckon. This inconvenience... shall continue unabated for a period of approximately thirty of your years.

Q: After this period of thirty years (1981+30=2011) I am assuming that this will be a fourth density planet. Is this correct?

RA: I am Ra. This is so.

Once we had gotten our information from Ra, we looked in on the groundbreaking work of Maurice Cotterell, who discovered an identical cycle in the Solar body through strictly scientific means. Cotterell also discovered that

the Maya had the same information encoded in stone, through the Mayan Calendar. We looked at all of the clues suggested from Cotterell's work, John Major Jenkins and others that indicate that we are due up for a major change, a possible pole shift or "the end of the present world." We then checked in with ex-NASA scientist Maurice Chatelain for his insights on the Mayan Calendar. From this work, we were led to discover the incredible, mathematical precision of the Jupiter-Saturn conjunction, and its effects on the Great Solar Cycle. We learned that there is only a 54-day difference between the actual timing of a J-S conjunction and a Mayan katun of 7,200 days. When we figured the number of days in one of Chatelain's Mayan Calendar cycles, based on J-S conjunctions at 1,886,040 days, and then subtracted this from the length of one of Cotterell's "sunspot shift cycles" at 1,366,040, we came up with exactly 520,000 days left over. Cotterell demonstrates how the number 520, or 2×260 , is a universal system for "shifting" cycles, and we showed how it is a harmonic of the number 13. From this one point, we can see how the J-S conjunction obviously fits in to the grand scheme of things in a mysterious, synchronistic and mathematically precise fashion.

Then, as we continued looking at the J-S conjunction, we discovered that Richard Hoagland had written an entire study on his website that showed that this event had even more radio jamming, hyperdimensional power than the common 11-year sunspot cycle. When we looked at the actual timing of the J-S conjunction, we realized that it very strongly suggested the period before and after May 28, 2000 as a date of great significance. On this date, Jupiter and Saturn, the drivers of the Great Solar Cycle, will make their last conjunction prior to the completion of the cycle itself. And as this book is going to print, we certainly are seeing bizarre behavior in the Stock Market - a 2-trillion dollar loss of value in one day on Friday, April 14, 2000.

Then, when we turned the clock back a few months from this date, we again find that the August 11, 1999 conjunction appeared to be an important gateway, even if we did not see anything physically. In our other writings we have seen how it appeared that the Gnostic authors of the Bible were aware of this hallmark conjunction, and wrote it into the New Testament. The four beasts of the Apocalypse, the lion, ox, man and eagle, corresponded to the four zodiacal signs Leo, Taurus, Aquarius and Scorpio, in which this Grand Cross conjunction took place. Even if they didn't know what exactly would happen at this time, they appear to have used this event as a point for triangulating many prophetic statements.

We can see the symbolism of the Grand Cross here on Earth having to do with crucifixion, or the Earth's own fulfillment of the pattern set by Christ. What we had, from a strictly hyperdimensional perspective, is a tremendous cross-shaped arrangement of planetary bodies, which produces tremendous energetic stress as well as a clear geometric structure. This is then almost precisely the same as that stress caused by the two largest bodies, Jupiter and Saturn, when they go into conjunction. So therefore, when we saw such a powerful configuration appearing so close to the final J-S conjunction at the end of an entire 77,760-year cycle of ages, we could not help but wonder if it had some sort of effect in opening up a higher level of energy that will become completely settled after May 28, 2000. We can certainly expect many new changes by this point.

Drawing off our Global Grid work in the later chapters, Becker and Hagens have shown us that Grid Point 11 falls directly over the northern portion of England. We have looked at information from other sources on the Grid that suggest that certain times of year, and certain astronomical configurations, might affect the energetics of the Global Grid. So, what we can see is that on Aug. 11, on grid point 11 at 11:11 a.m., the Solar Eclipse went into complete corona, where the hyperdimensional energies of the Sun and Moon were as precisely aligned as they could ever possibly get. And, as we had said in the previous edition of this book, finished March 8, 1999:

With all the attending stresses of the Grand Cross configuration, this Eclipse will become as a laser beam of focused, fourth-dimensional consciousness/energy, or metaphorically significant as the lance that pierced the body of Christ on the Cross. As this hyperdimensional "laser beam" reaches its strongest point of corona, it also ignites one of the most highly significant Grid vortices on Earth - the location of Stonehenge and a host of other megalithic stoneworks. This single burst of energy will blast the Global Grid so strongly that the entire Grid itself will sound like a gigantic gong, rising to an incredible height of frequency for a few moments...We can also expect that this blast of energy would continue to cause the Global Grid to expand, thereby causing land shifts as Wilcock's readings are predicting.

And indeed, on Aug. 17, 1999, the exact day when the Grand Square planetary conjunction itself went into its tightest alignment, there was a tremendous 6.9 earthquake in Turkey -- directly over the area where the eclipse path had traversed just six days earlier. This was all the convincing that was necessary to see that these effects really can be measured and predicted. Taiwan then followed soon afterwards with equal severity. We remember seeing the ring of energy created in the Pacific Ocean basin, and how much it resembled cell mitosis, as though the Earth itself was showing us a physical metaphor of regeneration. We also remember Joseph Jochmans' information from Athelsan Spilhaus and others that suggests that such a geometric expansion has already occurred in the past. The Hopi prophecies about the Earth's grid expanding like the white spots on a growing doe are also very interesting bits of corroboration.

So, this continuing increase of Light or aether density into the global energy grid, by such a precise hyperdimensional arrangement of forces in the galaxy, cannot go without its effects. The Ra Material tells us that the Earth will have to "electromagnetically realign its vortices of reception," and that they have "every reason to believe" that the sum total of this realignment will be approximately 20 degrees due east of North. Furthermore, there is even more intriguing research to show that the "gateway" of 11:11, which opened on Aug. 11, 1999, had great significance. In Graham Hancock and Robert Bauval's book, *Message of the Sphinx, [or Keeper of Genesis in Europe,]* the 11:11 ratio is specifically mentioned as being of quintessential importance to the functioning of the entire pyramid itself! This 11:11 ratio is also shown to have a harmonic connection to the angle measurement of 111.111 degrees, elsewhere in the Gizeh complex.

In Hancock and Bauval's work, there are frequent citations from the landmark Pyramid Texts of Unas, and their reference to the First Time, or "Zep Tepi." Hancock and Bauval tell us that this First Time of Egypt was 12,500 years ago, the exact date of the close of the most recent Solar Breath / precessional

cycle. At this moment, the point where the Sun would rise, called the vernal point, was directly in front of the Sphinx within the constellation Leo, the Lion. Hence the very first thing we see is how the terrestrial Sphinx was built to face its celestial counterpart. This obviously is another piece of evidence linking the Sphinx to a time of 12,500 years in the past.

This Sphinx alignment dovetails nicely with Bauval's discovery that the three pyramids of Gizeh are a precise terrestrial map of the constellation Orion, designed to be in exact alignment with the celestial Orion 12,500 years ago. Then, we are told that the second major time-encoded date for the Pyramid complex is the point at which the internal "airshafts" in the Pyramid align with their celestial counterparts in the heavens. The time where everything fits together is in 2500 BC, almost exactly 8000 years after the First Time of 10,500 BC. The vernal point, where the Sun rose, has then moved exactly 111.111 degrees away from where it started in 10,500 BC! There again, we have an apparently built-in, deliberate numerical synchronicity showing itself!

Hancock and Bauval speculate that the pyramids might somehow be able to facilitate time travel within the focus of consciousness, so that those of the Egyptian Pyramid Age might be able to scan backwards to this "First Time" of 12,500 years ago. If this is true, then they suggest that these precision alignments in the Pyramid have their purpose for calibrating that specific time. The reader will remember that we discussed similar methods of time calibration in the chapter on the Constant of Nineveh. Thus, on page 235 of "Message of the Sphinx," they write that since the precession causes a one-degree shift every 72 years,

...If the Horus - King could have been provided with the 'special number' 111.111, and had used it in the way described above, it would have led him back to (72x111.111 years =) 7,999.99 years before the specified 'ground zero,' i.e. to almost exactly 8000 years before 2500 BC - in short, to 10,500 BC.

We know that this seems like wishful numerology of the worst sort - i.e. 'factoring in' an arbitrary value to a set of calculations so as to procure spurious 'corroboration' for a specific desired date (in this case the date of 10,500 BC, twelve and a half thousand years before the present...) The problem, however, is that the number 111.111 may well not be an arbitrary value. At any rate, it has long been recognized that the main numerical factor in the design of the Great Pyramid, and indeed of the Giza necropolis as a whole, is the prime number 11 - a prime number being one that is only divisible by itself to produce the whole number 1. Thus 11 divided by 11, i.e. the ratio 11:11, produces the whole number 1 (while 11 divided by anything else, i.e. any other ratio, would, of necessity, generate a fraction.)

What is intriguing is the way that the architecture of the Great Pyramid responds to the number 11 when it is divided, or multiplied, by other whole numbers. The reader will recall, for example, that its side length of just over 755 feet is equivalent to 440 Egyptian royal cubits - i.e. 11 times 40 cubits. In addition, its height to base ratio is 7:11. The slope ratio of its sides is 14:11 (tan 51 degrees 50'). And the slope ratio of the southern shaft of the King's Chamber - the shaft that was targeted on Orion's belt in 2500 BC - is 11:11 (tan 45 degrees).

Arguably, therefore, the ratio 11:11, which integrates with our "special number" 111.111, could be considered as a sort of mathematical key, or 'stargate' to Orion's belt. Moreover, as we shall see, a movement of 111.111 degrees backwards along the ecliptic from 'ground - zero' at the Hyades - Taurus, the head of the celestial bull, would place the vernal point 'underneath' the cosmic lion."

So now we can see that Hancock and Bauval directly mention the 11:11 ratio as the "stargate" of the Great Pyramid! [Note: Just as this book is in its final edit and going to print, a huge bolt of lightning exploded overhead in a giant flash, right as we read the word "Stargate" again.] Synchronistically enough, the colon between the two numbers, which indicates a ratio, reads exactly the same as the colon in clock time, AND exactly the same as the colon in Bible quotations! This lends even greater credence to the validity of the 11:11 conjunction being so important - it appears that the entire Pyramid was built to encapsulate this number! Then, when we see the focus on the internal timelines, the metaphor of the returning capstone and the Masonic connections of this symbol to "A great order of ages" being "born anew," we must start to seriously consider that the period between the Aug. 11, 1999 conjunction and May 28, 2000 conjunction will end up being seen as a symbolic event of incredible significance to us as a planetary species. The ancients clearly were able to focus in on this time as being of significance, and in order for us to see it we may need to study more of the "subtle" effects in society, such as the changes in paradigms that are now occurring with events such as a major motion picture about the Martian Anomalies.

We rounded out the book with a discussion of the Nineveh Constant, which helped to show us how these cycles of time might be used by extradimensional travelers to navigate through the timestream, or the fabric of space and time. We also were given another glaring clue as to the elegant beauty and simplicity of the harmonic numbers underlying all of the Creation. Simply multiplying 70 by 60 seven times in a row can render the entire Cycle, measured in seconds. The pulsar B1257+10 shows an almost exact similarity to our own in its configuration, and as this is the first major extra-planetary system that we have found, we can assume that they all function to some degree of harmonic consistency. And with Wilcock's original research, this same harmonic system has been expanded out to the Galactic level, and we can see that all truly does work in perfect mathematical harmony.

With the work of Cowan and Masson, we see that time itself takes on a dynamic, shifting, energetic structure that can be accurately predicted in advance, and whose behaviors have certain definite effects upon civilization. So now, we have an even greater grasp of how our own Great Solar Cycle affects us as a planetary society. (4:44 p.m., 3/8/98.) As we learn and understand the physics behind the Shift of the Ages, we are made pure with our own realization that all things are in balance. Whether we look at sound, color, geometry, atoms, cells, biology, the human body, pyramids, the Global Grid, planetary orbits, the Sunspot Cycle or even greater cycles such as that of the Constant of Nineveh, and now the rise and decline of massive, seemingly random social trends as well, we can see that all things, indeed everything, obeys these magnificent, cyclical harmonic principles.

We now know that a massive effort was made by the survivors of the Atlantean cataclysm to preserve the basis of this knowledge for our own

generation. Mythologies the world over have encoded the precessional numbers in their roots, and various other societies have retained immense pieces of the puzzle, such as the Maya, the Aztecs and the Sumerians. These teachings found their way into the Western secret societies over time, and now they continue to thrive in the United States Government and its backbone of Masonic belief, as well as the United Nations as a whole in their remarkable Meditation Room.

We have also seen how the extraterrestrial forces surrounding us at this time have made numerous efforts to communicate these simple truths to us, through Nostradamus, Cayce, Jane Roberts, Walter Russell, David Wilcock and others. We have indeed arrived at this Omega Point of planetary Ascension now, and we are surrounded by a throng of spectators. These brothers and sisters on the outside made sure that we would have the necessary technology in place at the end of this cycle so that we may process our collective karma from the Age of Atlantis. It is time for us to Ascend, to regain our true heritage and to reclaim the Earth, or the New Jerusalem, in its cleansed and perfected fourth-density form. We have all the proof that we need to convince ourselves that this epic, fantastic event is very soon to occur.

THE SCIENCE OF ONENESS



by David Wilcock



David Wilcock

PROLOGUE: IS CURRENT SCIENCE INCOMPLETE?

PROLOGUE: IS CURRENT SCIENCE INCOMPLETE?

What if everything you thought you knew about science, and its connection to spirituality, was wrong?

What if you woke up one day to discover that the entire nature and structure of the Universe had actually eluded all of mainstream science up until that moment? Could such a thing be possible?

How confident do you feel in the idea that atoms are made up of particles? Are you aware that even the most basic quantum physics is littered with solid experimental findings that totally defeat this idea and have heretofore defied all attempts at explanation? That the entire quantum realm of atoms and molecules can be built up from electromagnetic fields displaying simple properties of movement and geometry?

When someone mentions "higher dimensions," how much do you truly understand about what they are, where they are, and how they work? Do you have any idea about how they can intersect with our own reality?

Have you ever studied Chaos theory and fractals? Did you know that scientists have proven that apparently random or "chaotic" events, both in space and in time, are being "organized" by complex geometric patterns known as fractals? That the behavior of both weather processes and living creatures, including human beings, can be mapped by these fractals? That the fractals themselves can only be constructed by blending our typical positive and negative numbers with an axis of numbers that is "imaginary" or outside of our perceivable mathematical reality? Has anyone truly explained why or how these principles are occurring?

When you see the reports of UFO sightings, are you puzzled as to how anything could defy gravity and make such sudden movements without destroying any living being inside? Do you discount the possibility that "they" could have visited us because of a belief that no mass can exceed the velocity of "c", the speed of light? Was it a natural mistake for Einstein to assume that light couldn't travel faster than "c" if it was believed to be traveling through total empty space, free of any type of energy? If there is a tangible energy in space, then what would happen if light traveled through an area of "thinner" energy, vibrating at a higher frequency than the thickness of the energy that now surrounds us? Do you remember reading about experiments in 2000 that have demonstrated velocities up to 300 times faster than the speed of light?

Do you believe that we have to burn something to get energy? Have you ever heard of, or given any consideration to, the idea that limitless free energy can be harnessed from "empty" space? Are you aware that simply rotating a magnetic gyroscope can create free energy and anti-gravity effects at the same time? Did you believe the mainstream media when the science of "cold fusion" was laughed at because it "violated the laws of chemistry and physics?" Are you aware that literally thousands of documented experiments are on record that have proven this effect since its discovery in the late 1980's?

Have you ever studied "sacred geometry?" **Are you aware that the bodies of all living creatures must grow by these proportions?** Did you know that these geometries are "harmonic," meaning that they have all the same mathematical and vibrational properties as music and color? Could it be possible that this unseen harmonic energy is structuring all of physical space, including the spacings of the stars and planets and even the precise arrangement of continents on Planet Earth? Might these same forces also exist in time, exerting a powerful effect on the behavior of human beings that can be concretely mapped out in the movement of financial markets?

If you know something about quantum physics, are you aware that the previously-undiscovered blueprints of this same harmonic geometry can be revealed in Planck's constant, the electromagnetic wave, the fine structure constant, the ratio of weak to strong force, the photon, the electron, valence bonds, isotopes and more? That the atom can be built up entirely as a particle-free grouping of geometrically structured energy? That things such as the "spin" of quarks and electrons are actually showing us that these energies are traveling through a geometric matrix that underlies and forms all of our physical existence? That this geometry of space might explain the mysterious property known as "torsion" which means that **"particles" traveling through "empty space" are forced to rotate as they travel?**

Do you believe that there was a Big Bang, that "nothing" could explode to create the Universe? Are you aware that this theory is on its last legs, propped up with an ever-increasing number of excuses and assumptions and ready to collapse? Did you ever hear of the solid scientific evidence that can prove that **the entire Universe looks exactly like a gigantic galaxy, complete with spiraling arms composed of galactic superclusters with very little in between them?** If the entire Universe has one fixed axis of rotation that can be calculated and measured, what does this do to relativity theory? Would this not be as important a discovery as seeing the Sun at the center of the Solar System, since Einstein's relativity theory asserts that "all motion is relative, and there is no stable, fixed place in the Universe" to measure motion from? What would this do to our ideas of time as well, since time is also believed to be relative by the same logic?

On a much more personal level, do you believe that every thought and influence in your mind is solely being created from within your own mind? Have you ever considered the idea that your consciousness is constantly being affected by forces outside of your own mind, body and physical surroundings? Are you ready to survey the solid, factual information that will show you, possibly for the first time, that not all of your thoughts and actions are being dictated solely by your own conscious mind? That unseen cosmic forces can influence your state of mind quite directly? That these forces actually have precise geometric structures that have been mapped and analyzed, and whose effects can be predicted well in advance?

Do you believe that through philosophies and theories such as Laplace's "Logical Positivism" that science has "proven that God does not exist?" *Are you prepared to view a concrete scientific case that an Ultimate Conscious Being does exist after all?*

Are you aware that all of these points and more can be explained elegantly

and perfectly, by simply restoring the ancient idea that a fluidlike, non-physical energy, or "aether," exhibiting the simplest properties of vibration, exists throughout all of space and time and is creating all physical matter moment-by-moment?

Lastly, if you can accept the proof that a non-physical energy source exists, do you automatically assume that it will always have the same properties, such as density, wherever you look in the Universe? Could it be possible that this energy could have changing densities throughout an area such as our galaxy? That these changing densities have a precise structure that our Solar System moves through in exact cycles of time? That we are now about to complete one of these cycles and move into an area of higher energetic "density?" That all bodies in our Solar System, including the Earth and the Sun, are being dramatically and visibly affected by this ever-increasing energy?

You will then see how perfectly this idea explains a multitude of solid, empirical astrophysical observations, some known and some unknown, some very modern and some very ancient, that are now indicating that we have arrived at a key point of transformation in our immediate future; both physical and spiritual.

THE COSMIC CHESS GAME

Imagine for a moment that the deepest truths of the Universe were all contained in a game of chess, and we had to play the game in order to discover the secrets. In the deepest sense of truth, there is a set playing field, and there are set pieces with set laws that define their movements. As Einstein said, "God is subtle but not devious" and "God does not play dice," meaning that the "game" should ultimately be straightforward, and based on set rules. Now, imagine what it would be like to try to play this game with a hidden companion if you could only see four of the squares, even though the board ultimately has 64 spaces. You could only know about a maximum of four different pieces, (in the case of chess there are six types, each with separate rules of movement,) and you may or may not be aware that your pieces could even move. If you could only see four spaces, then you might naturally conclude that your pieces couldn't go anywhere; they were fixed and immobile.



Over time, you may have the insight to discover that you can move certain pieces out into other parts of the board, even though you couldn't directly see those parts, and then move them safely back to square one. (Columbus proved to the world that you could sail east across the Atlantic Ocean and not drop off of the "edge of the earth.") Then, with this new discovery you might believe that you should eventually be able to determine the full nature of the playing field. But still, if an outside intelligence is controlling other pieces that you cannot see and can thereby remove your own pieces, then it would be very difficult to map out the playing field; not all of your pieces would be able to return.

You might not even be aware that you were playing the game with someone else, that there were other pieces that existed, and that those pieces may behave according to set laws that you are completely unfamiliar with. Furthermore, you may be quite shocked when your hidden companion's pieces suddenly appear on one of your four squares, change the entire setup by removing one of your pieces, and then disappear in the next instant.

If you have studied the rules of chess, you would know that it would ultimately be impossible to know how all six types of pieces would function if you only had access to four pieces and could visually perceive four squares. It would be quite a paradigm shift to realize that you had twelve other pieces out there to play with! The pawn, knight, bishop, rook, Queen and King all have completely different rules of movement, and you could not understand how they work if you could only see their behavior in that limited "box."

Like it or not, this cosmic chess game is an apt metaphor for the struggles that we have faced in understanding our universe on every level of complexity. As we will show in this book, quantum physics is already at a stalemate of "uncertainty" and "non-locality." Our scientists have made extraordinarily precise measurements of the quantum realm, but they have

been unable to explain those measurements for arguably more than fifty years. Therefore, we are told that we have subatomic entities that are both particles and waves at the same time – and these are two very different things. Many physicists have essentially thrown up their hands and concluded that once we enter the realm of the very small, logic no longer applies. This has even been codified into a school of philosophy in its own right, known as the Copenhagen Doctrine, which states that mathematics is the only way to understand the quantum realm and it is useless and needless to try to explain the measurements in any other way. And we now know that this is simply not true.

As we shall explore in Chapter 18 of this book, all of our evidence about the subatomic plane has been gathered indirectly – we have never been able to visually photograph protons, neutrons and electrons. Therefore, any conclusion that we make will be indirect; it is up to us to decide what model is best, meaning the model that will explain the observed measurements and data most comfortably. And considering that all of visible reality is built up from the quantum realm, if there truly is a “hidden variable” that the physicists have missed, then perhaps our view of “reality” would suddenly be very different.

To put it a different way, our scientists have collected all of their measurements very well, but we propose that they have overlooked some very fundamental properties that these measurements demonstrate. When these properties are reintroduced into the mix, then suddenly all the paradoxes are resolved and the Copenhagen Doctrine is no longer necessary; we have a working model of the quantum realm that explains all of our measurements. If correct, this model will prove the penultimate importance of “sacred geometry” once and for all.

Furthermore, our observations of astrophysical phenomena contain a host of assumptions as well, and we have never bothered to question them. We automatically assume that a phenomenon known as “redshift” will measure how far away a given star or galaxy might be, and yet renowned astronomer Dr. Halton Arp has, though quite unpopularity, proven that this cannot be true. And even though we can only definitively observe the area around our own Solar System with physical instruments such as the Voyager II satellite probe, we have drawn conclusions such as the idea that the speed of light is a constant throughout the known universe. And most importantly, we have concluded that “empty space is empty” and nothing exists there.

Another major bone of contention for the mainstream is “Global Expansion Tectonics,” the scientific concept that the Earth is continually expanding in size. It just so happens that the entire “continental drift” or “Plate Tectonics” model cannot be proven correct; there are supposed to be many areas called “subduction zones” where crust under the ocean is pushed back into the mantle and dissolved. The problem is that there is no way to concretely prove that a subduction zone exists anywhere, and the areas that weigh in as “maybes” are far fewer than the model requires. And if we look at the Earth itself, we can quickly see that all of the continents will fit perfectly together like a jigsaw puzzle, providing that the Earth is 55 to 60 percent smaller than it is now.

Other bodies in our Solar System, such as Jupiter’s moon Ganymede, provide

simple, uncontested visual evidence that they are expanding from within. As we shall see later, the pictures of Ganymede look no different than if we had taken a balloon, inflated it halfway, covered it with mud, let the mud dry and then inflated it the rest of the way, so that the pieces of mud cracked apart into separate areas spread out on the balloon's surface. There is no way to explain these ideas scientifically if the quantum realm is only built up from "particles" and we do not have an aether model in place, and thus the mainstream is very quick to put them down.

On an even deeper level, many people are not aware that there seems to be an "outside intelligence" at work in the quantum playing field. Numerous findings have suggested that the outcome of an experiment is determined by what the observer expects to see. Do we truly profess to understand how this could be happening? No.

RESOLUTION

In this book, we will propose a unified model that will answer this question and many others that have remained unresolved. We do not need to continue to play this blindfolded stalemate chess game on four squares, whether it be the structure of the quantum world or the structure of the Universe. Though it is controversial, there are sources of information that do allow us to know the playing field, and even perhaps to identify our partner in the game. What we are left with is a framework of knowledge that explains much more about our physical reality than we have ever had access to before. And that fact alone should generate much attention, as more and more people become aware that this book that you are now reading is available to the public.

Normally, when someone makes as many new findings as our contributors have made in this book, it is written in a highly academic, concise format that excludes the majority of readers immediately. The interesting fact that makes this book different is that it is specifically written to be easy to understand, which is certainly an ideal method of presenting this information to the public at large. If it were written only to please scientists then it would quickly fade into obscurity, as do most other frontier scientific breakthroughs.

And so, this is not a book of fantasy or science fiction. This is a book that could not have been written until now, with the power of the Internet to bring the world's frontier researchers together so that such a collaboration could take place. Not simply another piece of the puzzle, it is an assembly of the puzzle: the first of its kind, fusing vast amounts of data together to reconstruct the Universe in a new "hyperdimensional" model that is precisely unified from the quantum all the way up to the universe itself, and written at a level that does not exclude any readers with technical gibberish. And it is also the story of a discrete astrophysical event in our near future that we have labeled as "The Time of Global Shift," since it seems to have direct spiritual implications for humanity – the long-awaited shift from the Age of Pisces into the Age of Aquarius.

CHAPTER 01: INTRODUCTION

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1.1 THE SHIFT OF THE AGES

Virtually all world religions, spiritual faiths, secret societies and indigenous shamanic teachings insist that humanity is about to make a spontaneous, unprecedented stride in its material and spiritual development – a literal transformation of matter, energy and consciousness on all levels. Since many of the cultures or groups proffering this information over thousands of years' time did not appear to have any direct contact with each other, (such as the Early Christians, the aborigines in Australia and the indigenous peoples of Mesoamerica,) we have to wonder how they all came to the same understanding. If we take their own accounts on face value, it appears that entities that had attained a higher level of consciousness (such as Jesus, Buddha, Mohammed, Krishna, Viracocha and others) have systematically taught this information to all who would listen. Some ancient cultures, such as the Aztecs and Mayas, even have highly detailed calendar systems that appear to have precisely charted when this event will occur – sometime on or before Dec. 22, 2012.

In the hands of conventional science, this universally anticipated spiritual event is nothing more than an interesting myth with little or no real significance. However, with the material presented in this book, we can now make a direct scientific case for the imminent reality of this event. In order to do this, we must completely tear down the existing "particle" model of physical science and fundamentally rebuild the nature, character and underlying structure of the Universe from the quantum to galactic level, using "new" principles that have actually been known for thousands of years. With these recently re-discovered scientific breakthroughs, we understand that there truly is no "empty space" in the Universe – the entire Cosmos is filled with a hidden, flowing, geometric energy matrix commonly called "zero-point energy" or "aether" that is the source of all things, including life, and is therefore alive in its own right.

With this matrix, all elements of the Cosmos are very intimately and directly connected through "synchronicity" as defined by Dr. Carl Jung, who said that every event in a particular space and time is fundamentally connected to every other event in that space and time. Concepts of "aether" that were once considered unbridled "Dark Ages" mysticism are now returning as an intrinsic aspect of the functioning of the Universe. Some of the fundamental pieces of the puzzle, such as chaos and superstring theory, have actually penetrated into the mainstream already. Indeed, the full identification, exploration and scope of this conscious, multi-dimensional energy matrix, its identity as an Ultimate Being and precisely how it will produce such an event of religious proportions, is the purpose of this book.

1.2 MORE MATERIAL WAS NECESSARY

Our first complete book that discusses this new paradigm of science and consciousness is entitled *The Shift of the Ages*, and it is now published freely at our ascension2000.com website. Although we had originally and quite

proudly considered this book to be our final statement on the subject, we subsequently realized that it could go much, much farther with additional research, and that an entirely new book was necessary to properly round out the model. We will be referring the reader back to certain chapters in *The Shift of the Ages* in order to reduce the size of the manuscript and to avoid having to rewrite material that has already been covered to the best of our ability. While reviewing these earlier chapters will not be essential to understanding this book, they will allow the reader to cross-reference information that will be covered much more briefly in this edition. And indeed, it may prove to be more worthwhile for our readers to begin with this book first and then read *The Shift of the Ages* afterwards, since we have had many new insights in this book about how to make this material easier to understand.

1.3 COPERNICAN SCIENCE

Obviously, many of the points that we will make in this book fly directly in the face of our mainstream scientific understanding. More and more frontier researchers are discovering that our current scientific Establishment has become akin to a religion in and of itself, where theories that were taught one or more generations in the past have become so institutionalized that any differing opinions are rarely given a hearing of any kind. For anyone who has ever attended a university and built an entire career around one or a series of "pet theories," any definitive evidence that smashes these theories can be utterly shocking and even deeply wounding. Though a non-scientific reader may laugh at the thought of it, when these "paradigm shocks" suddenly explode into view with the arresting finality of Truth, they can literally produce tears, dizziness and nausea in one who has dedicated his or her entire life to studying "the wrong way." Suddenly the security of knowing the "way things work" is gone, and the agonizing new question becomes, "How could I not have seen this before?"

At a point like this, the most mature option available is to concede your opinion to the new information, just as Gore conceded to President-elect Bush earlier tonight as we write these words, after the US Supreme Court slammed the door shut on any additional vote recounting. Then, as more than 50% of voting Americans had to do, take a deep breath, work through the shock and anger and move on with life, allowing the obvious new truth to be incorporated into the collective base of human knowledge. It is the only way for science, or in this recent example, government, to progress forward. And even though this conciliation may be the most mature choice, it is certainly not the most popular choice. No Supreme Court will ever force scientists to concede their own beliefs; and in the case of the 2000 US presidential election, had the Supreme Court not acted, it is very likely that Gore would have kept on fighting.

So in the case of science, we must remember that there is no oversight, no "higher body" of leadership that will force a new and unpopular scientific model to be adopted. Ultimately, such a scientific revolution can only come about from the will of the public, but the public cannot express a will about something that it doesn't even know, due to official media suppression of the information. Thus, many people go on blindly trusting the beliefs of the mainstream scientific fraternity, while being almost completely unaware of the problems, paradoxes and anomalies that have riddled many of these models,

or of the remarkable alternative ideas that are being discussed.

Money is another very key issue that must be addressed, since it is easy for the common person to forget about its importance in science. A university education can command a very high salary, providing that the grants are made available for research. For a scientist to concede that his entire model is incorrect or at least seriously flawed, it is very probable that his entire "comfort zone" and source of living would evaporate, and he would be out looking for a job with then-irrelevant technical knowledge. What good is a highly educated specialist in a field that has suddenly been upended? This is the state that we now find ourselves in, and it is also the main reason why we cannot expect that the new paradigms being featured in this book will be appearing on newspaper headlines anytime soon. Simply put, scientific change has historically come in small bits and pieces, as the large-scale paradigm shifts are too overwhelming for the majority to allow them to squeeze through. However, this time of the Shift of the Ages, prophesied for thousands of years, is all about critical mass – a time when the new information just becomes too overwhelmingly strong to be put down, and the Truth bursts through all obstacles to become the King of the Mountain once more. Checkmate.

Though approaching with ever-increasing swiftness, this moment has not yet fully arrived. To many of us, our current situation does not appear to be much different than it was at the time of Nicolaus Copernicus, who made the simple and yet utterly revolutionary discovery that the Sun was at the center of the Solar System. Although the Copernican model was a much simpler and more logical explanation for the astrophysical observations that had been made at the time, he suffered bitterly at the hands of the religious / scientific establishment, who spared no expense in destroying him.

Even now, the scientific discoveries that contradict the Establishment perspective are ignored at best, often met with scathing criticism, scorn and derision, and at worst can lead to the harassment, financial and career ruin or possible assassination of their creators. The degree of mainstream university credentials that such researchers possess - including Ph.D.'s from the most prestigious institutions - is totally ignored in the rush to subvert, ridicule, threaten or even kill them. As one example, this author met personally with a frontier researcher in harmonic physics who lived alone and came home on two different occasions to a burnt match placed exactly in the center of the carpet in his computer room; a warning of what would come if he said or did "too much." And as this researcher indicated, popularity and public exposure is the most adequate protection against assassination, since those conducting the harassment do not want to attract attention.

Hence, we are by no means living in a society that condones innovation and advances on the mass scale, except where it is convenient for those individuals and interests that are already in power. And as this book progresses we will see that the byproducts of this new model of the universe include technologies that can literally save the earth. Within the new model, every reader will be able to grasp the convenient reality of anti-gravity propulsion and a limitless source of "free energy" that renders all other forms obsolete, whether petroleum, coal, nuclear, solar, wind, hydrostatic or otherwise. Readers inclined to be inventors in these areas will now have the conceptual framework from which to build their experiments.

1.4 A SCIENCE OF LIFE

Furthermore, this new model also heals the split between science and religion that has existed in our society since the Renaissance and Enlightenment periods of the 1600's and beyond. Up until this time, Western civilization simply relied on faith in the Bible to answer the questions of the Universe. When the Renaissance came along, science seemed to be the saving grace, the Holy Grail that would bring humanity out of the Dark Ages and into Light. And yet, what we have seen is that:

Science is very good at studying and explaining death – but very poor at studying and explaining life.

The term "Creationist" is a rather scornful label that is used to describe a researcher who still wants to adhere to Christian Biblical teachings about an Ultimate Being having created the Universe. As part of the scientific revolution's opposition to religion, the entire idea of an Ultimate Being has been cast aside in favor of philosopher Laplace's purely mechanical model of the Universe known as "logical positivism." So, we might say that death is understood very well, but creation and life are not. The "scientific" conclusions of "positivism" for the creation of our Universe and of human life border on the ridiculous: the Universe supposedly came from an explosion of "nothing" and humanity supposedly came from an amino acid "soup" that was created when simple elements in water got struck by lightning. That is about as far as "positivist" science ever goes in explaining how the Universe and ourselves were created.

Neither of these explanations hold up under scientific scrutiny. We will explore later how many flaws there are in the Big Bang model. As for human DNA, its own co-discoverer Crick later calculated that the molecule is infinitely more complex than could ever have occurred via random evolution in the necessary allotted time. And despite these flaws that yearn for a new explanation, we continue to see a Universe with an impossible, explosive beginning and a slow and inevitable death.

These same beliefs carry through to how we think about ourselves. Despite our beauty and majesty, the prevailing scientific dogma allows us to conclude that we are simply the dying end-products of a giant explosion of "nothing" followed by another explosion of "soup." Once our death is complete, we sink back into the black abyss of Primordial Nothingness. With one wave of the "magic wand," all the paradoxes and mysteries of life in the Universe are excused away. But we are far more than soup. In this new model, the true glory and power of the human being is revealed – and we will see for the first time how fundamentally interconnected with the Cosmos we truly are on every level.

So, based on the information that is now available, we can conclude that we are good at seeing and believing in life within ourselves and in the plants, animals and bacteria, but we are very poor at seeing and believing in life within anything else, whether the Sun, the planets, the stars and galaxies, or simply Space and Time itself. We have made the quite natural mistake of judging life by the immediate standards that we have established by observing things that eat, excrete, breathe, grow, move around and

reproduce. By about fifth grade, each of us will have been told that if something doesn't "do" these six things, it is not alive; and if we answer the test questions in any other way than this, we are "wrong" and will be given the label of "failure." And yet, the words of alleged ET group Ra and other sources continually tell us that **the entire Cosmos is One Living Being, and that life holographically exists within every part of the whole.** That means that even rocks and minerals have their own primitive form of consciousness, since they are a part of that same One that we are a part of. When we see that every "atom" in the Universe is drawing from an unseen energy source and radiating energy back into that source as well, then suddenly our definitions of "life" can be far more flexible.

Much of this "new" information is simply a return to ancient teachings, and more and more it is re-entering into the minds and hearts of spiritual seekers everywhere. In spite of this, the vast majority of us simply do not have the time and insight to collect all the pieces of the puzzle, especially in the more technical aspects. The often-maligned areas of consciousness related to the intuitive and psychic abilities are given clear, easily understandable definitions in this new model. And even though mainstream parapsychologists have endlessly demonstrated the reality of the human psychic ability with levels of rigorous statistical accuracy that are far greater than necessary for a court of law, the mainstream simply has rejected these ideas on the grounds that "extraordinary claims require extraordinary evidence." We now have that evidence.

1.5 DISCLOSURE IS IMMINENT, RESOLUTION MAY NOT BE

This book also directly addresses the concept of extraterrestrial beings that are now visiting our planet at this time, by providing a model for abundant living energy all throughout the universe that produces sentient existence on various planes or dimensional levels. At the time of this writing, Dr. Steven Greer, a prominent emergency-room physician and the head of the CSETI organization, has funded and launched The Disclosure Project, will culminate in a mass public disclosure of UFO information. This material has been culled from 500 or more top-secret witnesses with access to solid, factual information regarding the UFO Cover-Up. At the time of this writing, the beginning of an ongoing series of presentations is about to be held on May 9, 2001. It is important to realize that Dr. Greer has briefed members of Congress, the President of the United States, the acting head of the CIA, the United Nations and other world leaders about this presentation, and they have universally given him the green light to proceed. To those who have not heard about this before, it might at first seem to be a joke, but the information is freely available for all to survey at SETI and Disclosure Project.

Hence, it appears that the legitimate, elected global body politic has chosen Dr. Greer as the man to disclose the reality of extraterrestrial life to the Earth. On May 9, nearly two dozen first-hand witnesses of the absolute highest caliber will have come forward to take the stage in a major press conference, revealing to the world all that they know for the first time. All Senators, Congressmen and news media were invited to attend this event at the National Press Club in Washington, DC. This action will hopefully give members of Congress and others the catalyst that they need to mount an official investigation without fear of blackmail or assassination, in order to gain leverage to allow them to acknowledge the truth publicly.

This “disclosure” information will include the fact that ever since the mid-to-late 1940’s, human civilization has been in possession of crashed or “gifted” extraterrestrial hardware that utilizes certain aspects of exotic physics systems to function. Such a disclosure may well be tantamount to the moment of “critical mass” that we mentioned above, where the truth can no longer be restrained from the public any longer, and very sweeping paradigm changes will have to be made very quickly. **It is for this reason that government informants have indicated their belief that the two camps who will be most adversely affected by this disclosure will be religious fundamentalists and scientists.** In both cases, there is an entire life of set belief patterns that could be upended in a heartbeat – and most people don’t enjoy those moments very much.

So what happens when you suddenly realize that a significant amount of your favorite “toys” were not invented by humans? According to government whistleblowers such as Colonel Phillip Corso in the book *The Day After Roswell*, a great deal of our modern technology, including integrated circuits or “computer chips,” transistors, fiber-optic cables, lasers, infrared night vision, Teflon, Kevlar, light-emitting diodes or LEDs and much more have all come from our celestial endowment. Wilcock had received identical information from a friend who spoke directly to an ex-NASA physicist in 1993, four years before Corso’s book was published, and directly reconfirmed it three years later in 1996 with an aerospace informant at a UFO conference. This is certainly a very humbling fact to be confronted with, providing that all along you have simply trusted that our technology is the fruit of basic human ingenuity, hard work and the ongoing path of scientific progress.

Even once this initial disclosure is made, it is very likely that media suppression will reign and even those who have seen or heard it will refuse to believe it, and will conclude that it is simply a gigantic, orchestrated fraud perpetuated on the American people. Unfortunately it will be surprising if the event is covered at all in mainstream American media sources. And even if it does “work,” such things as actual extraterrestrial bodies or hardware may not be as forthcoming from the “powers that be” as we would have liked them to be, thus extending the impasse. As this book comes to completion, some in the UFO community are speculating that either by accident or by design, the US Presidential election impasse of November and December 2000 was a “practice run” for the much-longer delay that will result after an initial disclosure takes place and we then have an extended waiting period before a comprehensive, multimedia government statement of “The Truth” will be made available to the public. Each day that passes while the government refuses to “come clean,” while promising that all will be told, would only increase public agony and stock market turbulence – especially with the announcement that technologies exist that will replace the entire fossil fuel economy once implemented.

The reader of this book will not be presented with a great deal of “typical” UFO education, as these materials are now widely available due to what many researchers identify as a government and media-run program that is acclimating the public for this eventual disclosure. For information about this program and much more, we highly recommend reading all articles on Dr. Greer’s CSETI website, The Disclosure Project website and Dr. Richard Boylan’s website at www.jps.net/drboylan, beginning with the disclosures of

Dr. Michael Wolf in linear order. Dr. Wolf (who died prematurely in the year 2000) was allegedly a very high-level member of an elite committee that was originally known as MJ-12, which dealt with the UFO reality.

Some feel that Dr. Wolf is a complete fraud and a deliberate disinformation agent, but nevertheless his statements are highly interesting. Dr. Wolf's writings indicate that a government-planned completion of the disclosure process to the world public had long been set to occur at some point between the years 2001 and 2005, and that recent developments have caused them to significantly favor the earliest possible date. According to both Dr. Wolf and Dr. Greer, the biggest political concern that is being weighed out is whether the oil-based fortunes of the world's elite will crumble as a result of ET technology rendering fossil fuels obsolete. In order for them to be effective in maintaining control, any disclosure must reduce this damage as much as possible.

1.6 FEAR IS NOT A JOKE

There is another factor that must be considered, which most people who have actively studied the UFO/metaphysics field can quickly forget about. No matter how many Steven Spielberg movies are made to acclimate the public to the reality of benevolent, loving extraterrestrial life, there are still going to be those of us who will have a negative reaction. Movies such as the "Alien" series, "The Thing," "War of the Worlds," "Independence Day," the television series "V" and many, many more have presented extraterrestrials as being the ultimate horror in the universe – a sly, deceptive, malevolent, demonic force that is straining at the gate to infiltrate our planet and either colonize, subdue or just plain eat us in a giant cosmic barbecue party. In the past, when people talked about the "evil aliens" idea it was simply something to be laughed about – but it won't be funny any more once the disclosure has been made and people's own innate prejudices suddenly take hold.

The fact is, if you live your life expecting that bad things will happen, then they will. The mainstream science of psychology calls this a "self-fulfilling prophecy." Fortunately, in this case there is no real danger, only the consequences on physical health that fear can produce. Very reliable sources continue to emphasize that the primary role of the Visitors is to protect us. Indeed, since we are informed that one of their main purposes is to repair our damaged planet and prevent full-scale nuclear war, we would be in far more trouble if they left us.

Simply put, the evidence for extraterrestrial visitations of humanity dates back thousands of years. And this knowledge is indeed becoming mainstream, as a recent Internet expose from ABC News Nightline clearly laid out these data points on a surprisingly well-done timeline. As little as ten years ago, such a mainstream disclosure of information would have been unthinkable. These timelines clearly show that in the majority of historical epochs, the visitors were heralded as godlike beings. There is ample evidence that they did indeed interact directly with humanity, although this evidence is now seen as simply mythological. These interactions were very beneficial; in the case of Sumer, for example, a highly advanced civilization was born from a nomadic hunter-gatherer culture in a remarkably short period of time.

The military mentality, however, is constantly searching for the next evil

menace, with intent to destroy it. Not surprisingly, numerous informants have revealed to Dr. Greer and others that right now, totally outside of international oversight of any kind, **there are rogue elements within our military and governments that are actively shooting down extraterrestrial spacecraft with advanced "Star Wars" satellite technology whenever they get the chance.**

Some of the informants have stated that this is happening on an almost daily basis! And in case you think that there is no documentation to support this, the film from Space Shuttle mission STS-49, widely circulated on the Internet and certain documentaries, clearly shows a series of round whitish objects flying over the Earth and performing supposedly impossible flight maneuvers, followed by what obviously looks like a land-based beam weapon shooting up at one of them. When the beam is released, a burst of ionizing radiation brightly lights up a large portion of the Earth's atmosphere for a brief flash – something that would probably be seen by most as lightning, if it was even noticed at all. In that particular case, the object was unharmed, zipping away from the danger with seemingly impossible speed and dexterity.

So if you are one of those people who choose only to have a fearful reaction, then you should be aware that **certain rogue elements within government, corporations and military are automatically assaulting anyone who tries to visit us, for any reason.** With the abundant evidence that these same entities have aided humanity all throughout the ages, including the Hindus, Sumerians, Egyptians, Greeks, Mesoamerican and Oriental cultures, it is quite premature for these rogue quasi-governmental elements to "shoot first and ask questions later." And yet, despite these openly hostile acts from Earth people, there continues to be no attack from the visitors, nor will there be in the future. Simply put, these are beings that have watched us for millennia, are aware that we desperately need help and are offering that help, regardless of the risks involved – and they will continue to do so as our global situation gets more and more desperate and seemingly insoluble.

Based on all this information, which is increasingly being dropped right into the public's lap, we now feel confident in saying that those who refuse to see the truth of the "big picture" of extraterrestrial interactions with humanity are simply exercising their free-will choice to deny the overpowering amount of solid information that exists. Providing that Dr. Greer's project and other disclosure efforts go forward as planned, then in the near future that choice of denial will no longer exist as an option.

1.7 EXTRATERRESTRIALS, EVOLUTION AND THE VALIDITY OF PSYCHIC INFORMATION

And so, if the reality of the presence of extraterrestrial intelligence in our lives is no longer ignored, all of society will have changed on a very fundamental level; the genie will have been freed from the bottle. It would be quite humbling to realize that we are not the pinnacle of evolution in the universe. Then, the question of how we could become like these beings will have to be asked more seriously. Are they truly millions of years ahead of us in their technological, physical and spiritual development, as many often believe? Trapped within layers of sedimentary rocks, our geological history shows repeated cases of "punctuated equilibrium," where the life on Earth suddenly and spontaneously evolves into something new – something higher. And indeed, many credible sources suggest that the ETs are well aware that this most important and surprising event in human history – The Time of Global

Shift – is very soon to occur here on Earth. And thus, there is a very good reason for all the acceleration in technology and planetary chaos that we have seen, especially in the last century; humanity is changing on a very fundamental level.

With the proper scientific framework in place, we can understand why so many different sources of information have predicted this event with such total confidence – including the crown jewel of Western Christian prophecy that came through the words of Jesus, who heralded the arrival of a “New Heaven and New Earth” that occurred along with a “second coming of the Christ Spirit.” Many believe that our celestial brothers and sisters are here to guide us through this time of transition, to be available to help us quickly return our world to its natural, pristine state with hyper-advanced technology. Many sources do suggest, though, that these entities must obey their own version of the Prime Directive, featured in the Star Trek television series. The “Prime Directive” idea suggests that the Visitors cannot interfere with our affairs until we specifically and globally request their assistance. Obviously, that moment has not yet arrived.

And so, beginning in modern times with teachers such as Nostradamus, Blavatsky, Gurdjeff, Ouspensky, Rudolf Steiner and Christian Sunday school teacher Edgar Cayce, we now have documented proof that telepathic contact with such Higher Intelligences can be rendered with precision. The fruits of such contacts include volumes and volumes of information that are arguably composed directly from the minds of these extraterrestrial forces, using the human being only as a conduit or channel through which the information may be produced. In the finest cases, repeated accurate prophecies of future events are given as well as many other methods of proof that lend irrefutable legitimacy to these sources. As Cayce biographer Sidney Kirkpatrick discovered for himself, the proof of Cayce’s psychic ability is far more redundant than necessary for a court of law.

For example, with no further “front-loaded” information than the name and address of a given person, Edgar Cayce could go into an unconscious trance state and give that person a completely accurate medical diagnosis and treatment plan, providing that they stayed at the given address during the time that the reading was to occur. And if you believe this ability was merely an occasional, coincidental “fluke,” you must remember that over fourteen thousand of his psychic readings that demonstrate this ability are available to the public on CD-ROM. Cayce’s organization, the A.R.E., is still actively promoting “The Work” worldwide, fifty-six years after his death. And again, from sources such as Cayce, we can indeed discover all the clues to unravel this mysterious new model of the Universe, and explain the numerous anomalies of science that are becoming increasingly well known each day. A good deal of information regarding these “psychic” connections is offered in our first book, *The Shift of the Ages*.

However, there is a significant problem that must be immediately addressed. Since the era of Edgar Cayce ended in the mid-1940’s and especially with the rise in popularity of the Internet, anyone can assert themselves as a “channeler” and begin publishing readings in books or online, which are often phrased in informal, conversational language and do not have any real means of proof or validation. (Cayce’s readings were very technical in their phrasing and by no means easy to understand, in a similar sense as the “quatrains” of

Nostradamus have a bizarre, cryptic quality to them.)

It is well known that most modern channelers wildly contradict each other on many key subjects, and then if one person's work gains enough notice, others can then "channel" the same distorted information, such as failed future prophecies of disaster. Some of these channelers have become very popular, with international organizations, high profits and extensive outreach. Furthermore, a good number of those who follow these "channelers" will become highly aggravated, saddened or offended when their favorite figure's work is actively held under scrutiny, and thus they remain unaware of the majority's opinions on the subject. As a result of this widespread abuse, which has actually become the norm to a significant extent, the field of channeling has suffered a near-total lack of credibility in much of the modern Internet community, even among those open to metaphysical ideas. In truth, this is unfortunate, as there still remain those sources whose integrity is uncontested.

Based on the above caveat, any use of psychic information in this book may seem at first to be a fatal mistake, as ultimately this book is an exercise in frontier scientific exploration, not groundless esoteric speculation. Therefore, we want to make the point very clearly that **every argument from the "revealed teachings" that we will use in this book, with only a few number of exceptions, has now been experimentally verified, however unpopularly, as a scientific fact.** This means that we do not need to have "faith" in the words of the teachings themselves, as we can find the necessary information through solid scientific investigation – the words simply help us understand what we have already discovered and give us a much-needed "outside" perspective. One exception to the rule will be from readings produced by Jane Roberts that provide vivid insight to the scientific concepts that will have been discussed up until that point.

1.8 REMOTE VIEWING

Although many "channelers" can produce a host of distorted and contradictory information, the science of remote viewing has made significant strides in standardizing a procedure not unlike that conducted by Edgar Cayce many years before. This science was originally devised by the military in the 1970's through cooperation with renowned psychic and Scientologist **Ingo Swann,** and its purpose was to obtain data about locations that could not be physically seen or studied. The most important aspect of this process is to train the person to completely override and shut down the influence of the conscious mind to allow information from the higher mind to come through. In the more advanced levels of remote viewing, the person actually has an out-of-body experience where they directly perceive themselves at the target site, can move around at will and describe what they are seeing. This is quite similar to Cayce's ability to go and visit the body of the person receiving a "reading" and give it a medical diagnosis.

Joseph Mc Moneagle is the original, probably most solid and well-known remote viewer, and in his books there are many pictures of targets that he had been assigned that are compared with sketches that he produced in trance. Many of his remote viewing diagrams are no worse than anyone would make from simply sketching a photograph from the conscious state. His results were this accurate even though he had no idea what he was viewing;

and the protocols for how this unseen data is collected are exacting.

In the case of a psychic like Edgar Cayce, the unconscious state provided an opportunity for an even higher level of depth than can be gained by remote viewing. The function of the conscious mind was literally shut down altogether, and only the higher mind would speak as it traveled to each client's body, diagnosed its ailments and tapped into what it called the "Akashic Record" to find the best treatment. When a person tries to "channel" from the conscious state without training in the necessary protocols, they are very likely to have the conscious mind distort their information. This author has devised his own set of protocols, based on remote viewing logic, that can eventually lead to very accurate messages from Higher Intelligence if properly and regularly practiced. On our website, <http://ascension2000.com>, there are hundreds of cases of documented prophetic accuracy using this technique. The ongoing success of this process is part of what has made this book possible; the research has been guided every step of the way, and thus this book is truly a group effort. Mr. Wilcock cannot claim to be the original discoverer of the findings in this book, even though they have never been published before. Every point has been checked and rechecked for accuracy through Higher Intelligence by the use of these visionary techniques.

In addition, this book could not have been written without our use of this technology for funding, by performing "dream readings" for a variety of clients. We can honestly estimate at least a 97-percent satisfaction rate, and there have been many reports of dramatic accuracy and truly life-changing guidance and insight. In the dream reading system, Wilcock sleeps for each client with the intention to dream for them, and later awakens with the data. That data is dictated onto a recording device and then a trance state is induced to allow the Higher Self to speak. The dream protocol allows the influence of the conscious mind to be completely subverted, and with the proper knowledge and understanding of the symbolism used by the subconscious mind, the client's message is easily seen. One of our best examples of psychic accuracy was when we had a dream for a client where a man was having trouble setting up a tripod. When the trance reading began, the first words after the greeting were, 'The tripod represents...' et cetera. When the client received the cassette in the mailbox, he had just awakened from a dream where he had trouble setting up a tripod, and Wilcock had not told him anything about the results before this.

Outside of our own readings, this author's dreams have been the single most valuable resource in helping to illustrate how the different data points in this book fit together. In this way, we follow in the tradition of many other pioneers who have used this interface between the symbolic language of the Higher Mind and the literal language of the conscious mind to make advances. These pioneers include the Wright Brothers, Thomas Edison, Albert Einstein, the discoverers of the DNA and benzene molecules, and many more.

1.9 THE LAW OF ONE

As we have already indicated in *The Shift of the Ages*, there is one additional set of "channeled" materials that deserves to be showcased alongside Cayce and all the best material in history. A series of five books known as the *Law of One* series catalog over 150 question and answer sessions between Don Elkins, Ph.D., a university physics professor, airline pilot and UFOlogist, and an

extraterrestrial group that identified itself as "Ra." In the opinion of our colleague Dr. Scott Mandelker, a Ph.D. in East-West psychology, popular media figure and expert on world religious teachings, "the Ra Material is the single most important source of written teaching that I have ever encountered."

The human players in the Ra contact were Dr. Elkins, Carla Rueckert and Jim Mc Carty. Rueckert had worked for over 20 years to perfect the art of channeling, complete with a wealth of verifiably accurate data that she could not have known consciously. When Mc Carty joined the group, ostensibly to help Rueckert and Elkins catalog their extensive amount of information, a sudden and unexpected change occurred. For the first time in her life, Rueckert lapsed into a completely unconscious trance state during a group meditation and began speaking for Ra, having no memory of what she said upon awakening. Again, the number of cases where genuine unconscious trances have truly happened are quite rare, and this contact had the advantage of completely removing Carla's conscious mind from the process, thus stopping any of the data from being distorted.

Almost immediately there was a noticeable difference for Dr. Elkins between the words of Ra and anything else that had ever been produced through Carla before. Ra explained that the harmony and fidelity of the group was strong enough that they were able to secure what they called a "narrow-band connection," which required an extremely sensitive and exacting set of protocols to properly conduct. Indeed, the demands that these sessions placed on Carla were quite intense, as her body essentially had to remain completely motionless and unconscious for over an hour at a time. But in the midst of this state, the words that came through Carla's mouth were clearly not those of Carla. The material that is presented is of such depth and complexity that a minimum of one or two years is required to properly study and assimilate the information in all five books, and Ra's words often made Dr. Elkins' scientific and spiritual knowledge seem ridiculously inadequate. And yet, Dr. Mandelker's studies have proven that the words of Ra have demonstrated a very high understanding of the deepest revelations of world religious philosophy, especially Eastern schools of thought such as Taoism, Hinduism and Buddhism.

Mr. Wilcock began his daily study of the Law of One series in 1996, and by 1998 he had understood enough of the material to begin writing about it in his own words and comparing it with other data. As he scanned the Internet and bookstores alike, he realized that no author had integrated Ra's concepts into a tangible model of the Universe, presented with scientific evidence. Well over 300 books had been written on Edgar Cayce, but only three mentioned Ra directly: UFOs and the Alien Presence by Michael Lindemann, Alien Identities by Dr. Richard Thompson and From Elsewhere by Dr. Scott Mandelker.

Therefore, within the five Law of One books there lay an untapped gold mine just waiting for someone to come along and harvest; for among many other valuable insights, during the course of Ra's interaction with the group, an entirely new, self-consistent universal cosmology of Oneness was being developed. And more importantly, Ra's words were not at all in the category of speculation; they made many very definitive points that could either be right or wrong, but there was no middle ground. They made exacting statements about the length and nature of certain structures of time, of the

importance of sacred geometry in understanding the architecture of the Universe, of the quality and number of dimensions in the Universe and of the dynamic nature of an energetic system that tied everything together into one grand model.

Granted, many of Ra's conceptions would remain in the area of speculative metaphysics, but many others were quite plain. And Wilcock realized that since the group's data had been gathered in 1981-83, a wealth of scientific information had been produced that shed new light on the validity of Ra's statements. For now, we will limit this to eight examples that help to give a broad portrait of the various areas that this touches upon:

The aether models were certainly not popular in 1981 and the term "zero-point energy" had not yet been coined, and yet Ra indicated that all of the Universe was composed of vibrating "intelligent energy" that it called "light-love." Now we have all the needed research to back this up.

Ra indicated in 1981 that as we got closer to the time period of 2011-2013, we would see a greater and greater heating of the Earth's core due to humanity's resistance to an instreaming higher energy, and this would in turn create an accelerating number of Earth Changes, which they called 'inconveniences.' Years later we were slammed by the El Nino / La Nina weather effects, which are caused by a significant heating of the oceans. The only model that properly explains this is the idea that the inside of the Earth is getting hotter, thus heating the oceans from underneath much as a burner heats a pot of water on a stove top. From the data at www.michaelmandeville.com, we also now know that there has been an overall 400-percent increase in earthquakes above 2.5 on the Richter scale since 1973, and a roughly 500-percent increase in worldwide volcano activity since 1975. And at www.millengroup.com, Russian scientist Dr. Alexey Dmitriev reveals that between 1963 and 1993, there has been an overall 410-percent increase in worldwide natural catastrophes of all different categories combined.

Ra indicated that **the entire Universe is structured like a giant galaxy,** which at the time could not have been supported with the available scientific data. However, we are now able to present three different areas of solid evidence that make a very strong suggestion that this is indeed the large-scale structure of the Universe. Even mainstream news articles reported in 2000 that Cosmic Microwave Background radiation measurements had determined that the visible universe was actually "flat."

Ra indicated that the Universe has eight "true" planes of existence, which most would call "dimensions," organized by vibration into an Octave that is similar to the octave of sound or the rainbow spectrum of colored light, with geometry playing a crucial role as well. We now have compelling mathematical and physical evidence that all of this is so. The most cutting-edge physics theories of today have said that **"it's as though there is some deep numerology [of the number 8 in the modern "Superstring" hyper-dimensional models] that no one understands."**

Ra indicated that the Galaxy was divided up into a "three-dimensional spiral" of differing areas of energy vibration, and that as our Solar System drifted from one area to another the density of the energy around us would change, culminating in 2010-2013. In the work of Dr. Alexey M. Dmitriev and others,

we now have physical observations from all across the Solar System that suggest that we are moving into an area of higher energetics in the galaxy; and all signs indicate that these effects are continually increasing. Mr. Wilcock's personal research now makes a strong suggestion that the Galaxy is harmonically divided into exactly 8,640 "secondary" energetic regions, each of which are traversed by our Solar System in exactly 25,920 years.

Ra discussed the importance of "25,000-year cycles" of time, and the fact that three of these cycles were required for an even larger cycle to be complete. Although the importance of the 25,920-year cycle of time is well known in the metaphysical community, connected to a long-term wobble in the Earth's axis known as "precession," no one had any reason to think that three should be seen together. And yet, Maurice Cotterell's discoveries of long-term sunspot cycles, first published in 1989, can ultimately be used to demonstrate that for all cycles in the Sun to synchronize properly with each other, three 25,920-year periods are required. This also fits well with Mr. Wilcock's discoveries, which suggest that there are exactly 2,880 "primary" energetic regions in the galaxy.

Ra was very specific about the idea that the instreaming energy of higher dimensions formed an interconnecting network of straight lines of energy force over the Earth. They indicated that at certain areas where the lines crossed, many anomalous effects would be found. Since that time a wealth of data has emerged to verify the existence of gravity as an instreaming energy, as well as the reality of the "Global Grid" and its tremendous effects on physical matter and conscious life. Indeed, we have found the lines, and where they cross we see the exact effects that Ra had indicated. And, with the work of Richard Pasichnyk, we can see these energetic effects at work throughout the entire Solar System.

Ra indicated that the Great Pyramid was structurally designed to harness this "upward spiraling light energy" from the Earth's grid. In our last book *The Shift of the Ages*, once we discovered the true multidimensional importance of "sacred" geometry, we could understand how the pyramid was able to create various effects such as a raising of the vibrational speed of Earth's electromagnetic field and a decrease of the field strength of gravity within it. These Pyramid effects on energy were discovered by Gregg Braden and are now occurring all over the Earth, indicating that we are in a "collective initiation chamber," which is precisely what Ra taught.

So, as we move right through to the present, it appears that every month there are new scientific findings that further validate and verify Ra's accuracy. As a result of these obvious connections, we can conclude with confidence that Ra is a genuine extraterrestrial intelligence and that their words are of clear value to us. Our purpose in this book is to present a complete, unified cosmology that is very heavily inspired from Ra's teachings, in the hope of bringing each reader much closer to an understanding of how the Universe truly functions, and of their own nature and role within it. After reading this book, it should be much easier for the reader to approach a demystified study of the Law of One series, as many of Ra's key points will now have the appropriate context for discussion.

1.10 CYCLES OF TIME

When we consult Ra and other reputable sources of ET information and compare them to “frontier” scientific discoveries, we come to a unified spiritual and scientific cosmology that essentially remains constant.

Discoveries in science that are just now coming into view are given a perspective that frames them as part of an orchestrated, multidimensional, conscious Universe that is in a constant state of evolution. With this model is the understanding that God, or the Oneness, always operates in cycles – a fundamental truth that our colleague Dr. Scott Mandelker refers to as the “Cosmic Plan.” Just as there is a cycle to a human lifetime, with birth, maturation, adulthood, aging and death, so is there a much-larger curriculum by which each of us, as a spark of the One, must fully return to that Oneness yet again, through successive physical incarnations in a variety of dimensional or energetic “density” levels. Obviously, our minds in the “third dimension” do not appear to be a true manifestation of Omniscience for most, in the sense of having total, instantaneous union with the consciousness of all entities in the Creation and living in that state of awareness constantly. In the model espoused by Ra, other sources and almost all world religions, our eventual destiny is to return to that point of Omniscience, and this occurs through a set growth curriculum, so that there are clear stages of progress to be made along the way.

All of these teachings tell us that the true nature of the “dimensions” in the Universe is that each one of them is a plane of existence where all life is increasingly Unified with what we could call God Consciousness, or Oneness. We will make a case for the reality of these planes, in terms of consciousness, in Chapter Two, with later data in additional chapters throughout the book that supports the notion from a physics perspective. The evolutionary process through these various planes does not occur in random intervals of time, but rather goes through a cyclical structure, as described above. Again, what we have is a three-dimensional “standing wave” of invisible energy (which some scientists are now referring to as “dark matter” and “dark energy”) in the galaxy that is divided into precise mathematical increments of frequency, and that essentially remains stable and motionless as the stars and planets move through it.

Though this “aether” energy is not visually detectable, we will present a wealth of experimental data that verifies its existence. So, in a simpler form, the Ra hypothesis is that the natural passage of a planetary system through the galaxy is also a passage through discretely different areas of energy. These changing energy levels are what allow the inhabitants of each planet to move forward en masse – a form of graduation on the soul level. And this graduation provides a valid reason for why so many are seeking “spiritual growth” on our planet at this time – we now can have an idea of exactly what we are “growing” towards, and why there is such an incredible feeling of urgency.

1.11 THE PROMISE

Perhaps the most perfect articulation of what the human being could become as a result of this natural energetic transition can be found, incidentally, in straight-ahead Christian prophecy. One of the most favorite Bible quotes in the Edgar Cayce Readings was John 14:12, where Jesus said, “As I do these things, so shall ye do them, and greater things.” The Cayce readings indicated that Jesus defined the pattern that all others were to follow – to overcome the

desires of the Ego self and attain true spiritual awakening in order that "Not my will, O Father, but Thy will be done." If we study the Dolores Cannon book Jesus and the Essenes, we learn that the original intention was not for us to see that Jesus' physical body had rejuvenated. Instead, we were supposed to understand that his body had transformed into Light, and later reappeared in a newer, more energetic form. It is for this very reason that Jesus did not look the same to Mary and the others when he returned, in terms of facial appearance; but nevertheless, he was able to manifest the same wounds in his energy body in order to prove to them that it was really him.

The evidence on the Shroud of Turin clearly shows that somehow, a three-dimensional holographic image of the body inside was burned into the fabric, and this could only have been accomplished at extremely high temperatures occurring all over the body simultaneously. Therefore, the controversial evidence of the Shroud supports the idea that Jesus had completely dematerialized his body in a tremendous burst of energy. (This may or may not represent what will happen to the average person as this point of transition arrives.)

Biblical prophecy also tells us that there will be a "Second Coming of Christ," and many Christians are convinced that this simply means that one day Jesus will return to the Earth and usher in a New Kingdom of "a thousand years of peace." More to the point, we must remember that it was called the second coming of Christ, not the second coming of Jesus. The Cayce readings explain that the Second Coming of Christ was intended to mean that the same Christ Spirit that came alive in Jesus would now be awakening within all of humanity, some more quickly than others. What we may not be aware of is the prophecy [John 14:12] that all the abilities that Jesus demonstrated in his three-year ministry would eventually become our own abilities; and that we would have "even greater" abilities than what Jesus had demonstrated. Now imagine a whole planet of people who think, talk and act in this manner, with the same compassion and spiritual ability, and you will understand what this "New Heaven and New Earth" is truly supposed to be. In the words of Ra, the new vibrations that will surround the earth will make life "one hundred times more harmonious" than what we have now.

While these concepts may seem highly esoteric and not even remotely possible in our "real world," the fact is that humanity in general has long stood in ignorance of its own true powers – and by default, it has denied the true mysteries and powers of the Oneness as well. Once the concepts of this new worldview in this book have been carefully laid out, you may well choose not to believe any of it, and that is fine. If you find yourself unable to accept the idea that something this fantastic could really happen on Planet Earth, we would invite you to seek within for whatever sense of limitation you might still be feeling. Has God left you behind to carve out an existence on this lonely, commerce-driven planet? Do you know exactly how the "real world" is and will always be, and feel abandoned to live your life by that pre-set plan, playing the "human game?" Is God simply too absent from the world, too distant and detached from anything "real," to have ever concocted such a wonderful surprise as this for humanity? Will you simply refuse to allow it to be true in your mind because you don't believe that something this grandiose could ever really happen in your life?

Think about this upcoming event as similar to a first love, where you never

could believe that the one you cared about so dearly really did have the same romantic, loving feelings for you. When you finally realized the truth and had your first kiss, the world became a very different place; everything seemed to glow, and for the first time you noticed the richness of a touch, the subtlety of the wind rustling through the trees, the majesty of bright, bold colors, the glorious tastes of a cornucopia of delicious food, the joy of your favorite music, the wonderful smells of springtime and the renewing warmth of the Sun. Up until that moment, you had shut off your senses to the songs of the birds, the feeling of the grass in between your toes, the smooth rush of ocean waves lapping against the shore, the moist, earthy smell of the forest after a fresh rainfall. As you stared into your lover's eyes, there was truth in that moment; life was good, and what had seemed so impossible just a few seconds earlier was suddenly a breathtaking new reality. No matter how you may have imagined that it would be, you couldn't experience those emotions until the moment had actually arrived. And you are the winner, in every sense of the word!

Hence, if we would choose to reduce or compartmentalize the abilities, powers and glories of the One, then we have already imposed constrictions and definitions on the power of Infinite Mind and Limitless Love. Our own beliefs and attitudes of scarcity and restriction must be abandoned in the joy and glory of the true Plan of the Creation, revealed throughout time by prophets, mystics and healers and only now verified through science.

1.12 ORIENTATION

Since the amount of information in this book is quite sizeable and organized, we have used this introduction to give a preliminary idea of its basic contents. It is our hope that through such a summary as this, the reader can gain a sense of direction and decide whether he or she wishes to study the entire course. Although much fascination and enjoyment can come about through skipping from one chapter to another, we have decided that the material must be presented in a linear, syllogistic fashion in order to be completely understandable. This course is not intended to be difficult, except perhaps in the open-mindedness required to absorb the new viewpoints, and if the reader misses any point it is quite easy to backtrack to where the new information was introduced and refresh the mind.

The initial six chapters of this book are dedicated to covering the emerging, largely suppressed concepts regarding the existence of zero-point energy or aether. Since this energy is directly responsible for the existence of light, it is conveniently referred to as light by almost all major spiritual traditions. Many ancient truths suddenly take on new definitions when we accept that we are walking, breathing and living in Light every moment. And the so-called material universe that we see all around us is made entirely of this Light – the idea of the atom as having a solid mass of any kind, and the idea of space being nothing but an empty vacuum are now archaic models at best. Indeed, more and more researchers are coming to the conclusion that **what was once believed to be "particles" in the atom are actually areas of sphere-shaped resonance or vibration within this fluid-like "aether" energy substance that exists throughout all space.** Dr. Milo Wolff's Space Resonance Theory and his book *Exploring the Physics of the Unknown Universe* provides an excellent model of this concept that has garnered some degree of mainstream recognition and respect, and we will be using it as a reference throughout the

book. The work of our colleague Rod Johnson will provide us with a dramatic unification of all experimental findings in the quantum realm through a totally geometric model of "aether" vibration, explained in the above abstract.

1.13 AETHER SCIENCE, FREE ENERGY AND ANTI-GRAVITY

As we progress, we will clearly illustrate how the aether can be tapped for limitless free energy of many different forms, including gravity, magnetism and electricity. Clearly the implications of this new "aether" science are tremendous – it could dramatically assist us in saving the earth from destruction by eliminating the need for any type of fossil fuel, either for space propulsion or regular electricity. And it is fossil fuel production, toxic combustion emissions and accidental spillage that is arguably the biggest cause of environmental destruction in our time – including the now all-too-obvious global warming and extreme weather effects. And with the sheer implications of this new technology, for all intents and purposes it is only a matter of time before this science catches up with society, and there will be an over-abundance of those who can use it for engineering and intellectual marvels. Although the suppression and killing has occurred before, the whole field is straining the boundaries and entering into public discussion – which all of us should be very happy about. **With the huge uprising of the Internet, all suppression of science and truth will soon become as extinct as fossil fuel itself.**

It is important to point out here that the material regarding aether theory, anti-gravity and free energy is already widely available on the Internet, with superb levels of research and documentation by qualified, credible Ph.D.-level scientists. Our research on this particular topic area alone has generated nine full-sized books worth of computer printouts, and that was only a fraction of the material that was available. The true strength of this book lies in its successful compilation of a vast, multi-disciplinary amount of information, as even the most cutting-edge of these new "aether" theories are still missing some big parts of the puzzle. A synthesis of data on the order that it occurs herein has simply never before existed, and yet it will not go over the heads of the common educated public.

1.14 HARMONICS

The essential point that most aether theories have missed is the idea that harmonics are totally fundamental in the aether's behavior. We will consider the aether to be a fluidlike energy that is constantly vibrating, spiraling in a motion that appears somewhat like a whirlpool, to create all subatomic "particles" moment by moment. Once grasping this idea, we must then embrace the simple harmonic properties that are created in a vibrating fluid, such as water or air. And it is the all-important nature of these harmonic properties of aether that in turn affects all that we see in space and time. We will show that all "dimensions" of space and time as well as all elements of our physical universe, both organic and inorganic, must function according to this simple aether behavior, which follows the precise numerical principles of harmony, resonance and vibration.

And so, with this short and preliminary overview in place, we are ready to begin our journey. For those readers who would like more specific information about the contents of each chapter and the order in which the material will be

presented, we recommend reading over the chapter summary section at the beginning of this book. We have deliberately avoided covering every aspect of the information in this Introduction in order to preserve the value of surprise for the reader and to provide further incentive to keep reading for the sheer thrill of discovery. So let's proceed!

1.15 RECAP

1.1 Virtually all world religions, spiritual faiths, secret societies and indigenous shamanic teachings insist that humanity is about to make a spontaneous, unprecedented stride in its material and spiritual development – a literal transformation of matter, energy and consciousness on all levels.

1.2 Although we had originally considered The Shift of the Ages to be our final statement on the subject, we subsequently realized that it could go much farther with additional research. This book is our final summary of the new research.

1.3 The persecution of Nicholaus Copernicus is still being mirrored in the harsh treatment of "frontier" scientific researchers today. The mainstream will vigorously defend any challenges to their prized paradigms.

1.4 Science is very good at studying and explaining death – but very poor at studying and explaining life. Our new view of the Cosmos will show that the fundamental energy of the Universe is living and conscious; the Universe is an Ultimate Being.

1.5 The beginning of an ongoing series of "disclosure" presentations for the UFO phenomena is about to be held on May 9, 2001. This may quickly lead to the final step of this information becoming publicly acknowledged, but continual media suppression is more likely.

1.6 Some choose to fear these Visitors, though there is very strong evidence that at least the majority of them are here to protect us, and have been appearing before human cultures throughout all known history. Nevertheless, we are told that rogue elements within our military and governments are actively shooting down extraterrestrial spacecraft with advanced "Star Wars" satellite technology whenever they get the chance.

1.7 Though the work of Edgar Cayce proved psychic ability beyond any shadow of doubt, many well-meaning "channelers" in the modern Internet community have produced wildly conflicting data, thus discrediting the entire field for many. This book will only use those sources that have clearly proven their validity, and only use their information as a framework to interpret straightforward scientific facts.

1.8 Joe Mc Moneagle and others have proven that "remote viewing" is a phenomenon that really works. Mr. Wilcock used similar trance protocols to uncover the connections between the research data in this book, and also to fund our operations through "dream readings." Wilcock would not have been able to see how all these points fit together without this outside assistance, and thus this book truly represents an "extraterrestrial scientific disclosure."

1.9 The Law of One series may represent the most accurate extraterrestrial

communications in history. It is literally impossible that Carla Rueckert, the main channel for the information, could have produced such a complex, far-reaching, scientifically and spiritually evolved body of work by herself. We cite eight different points that demonstrate Ra's accurate scientific knowledge, all of which came in advance of the corresponding scientific discoveries that followed.

1.10 Ra indicates that there are galactic cycles of time that our Solar System naturally moves through, and in this book we will uncover the facts to back up this assertion. These cycles are said to be related to human soul evolution.

1.11 The information in this book lends scientific credibility to Christian end-time prophecy. The reader is encouraged to absorb the information with the heart and remain open-minded about the possibilities of such a fantastic event occurring.

1.12 We have decided that the material must be presented in a linear, syllogistic fashion in order to be completely understandable. Earlier chapters will cover information on anti-gravity and free energy, and these core concepts will then be expanded upon into understandings of higher planes of existence and new cosmological discoveries.

1.13 The anti-gravity and free energy technologies could dramatically assist us in halting and even reversing the damages that we have caused to the biosphere. We suggest that even the most cutting-edge aether theories have still missed many big pieces of the puzzle, and in this book we will attempt to paint the most complete picture that is possible at this point.

1.14 The properties of "harmonics," or vibration, will be seen as having central importance in these new models of the Cosmos.

CHAPTER 02: THE AETHER IS PURE, CONSCIOUS ONENESS

CHAPTER 02: THE AETHER IS PURE, CONSCIOUS ONENESS

2.1 PHILOSOPHY: A NECESSARY FIRST STEP

When the full implications of aether science become known to humanity at large, a very significant paradigm shift will be necessary. For this reason, a philosophical foundation that connects aether theory and consciousness must be carefully constructed, before the chapters that will discuss anti-gravity, free energy and other technological applications. The readers who are not inclined to philosophy may not have thought about the issues of zero-point energy, unified field theory or aether science in the way that we will present them, which will incorporate many controversial scientific discoveries for emphasis. For others who may not normally study science or physics, or even be aware of the work regarding aether theory, a significant effort and time commitment may be required to fully digest the material in this book. (However, from previous experience we already know that some readers will stay up all night and read it in one sitting!) This is another valuable reason for discussing philosophy now; the non-technically inclined reader will have a much greater ability to see the context of the discussions that follow, and very likely have a far greater interest in working through the rest of the book, a chapter at a time.

We begin this chapter with a brief, preliminary investigation of the universal energy force whose existence is crucial to understanding everything in this book, technologically and otherwise. It is important to remember that this is only a very brief description, and will be enunciated in much more detail in later chapters. After this initial description of the energy involved, we will cover the wealth of information that suggests its involvement within the arena of consciousness.

2.2 THE AETHER

We live in a harmonic universe, built upon a unified, unseen foundation of conscious, loving energy, known as "zero point energy" or "aether." Up until the 20th century, all Western scientific tradition proposed that such an energy force existed, going back to at least the time of the ancient Greek philosophers, and most likely to a far older civilization with advanced scientific knowledge. The existence of this aether was supposedly proven to be false by the Michaelson-Morley experiment (M-M) at the beginning of the 20th century, and most scientists still believe that it is correct. There are a number of reasons for why the M-M experiment is flawed, and for our technically-inclined readers, many of the researchers that we will be mentioning have detailed explanations of how it was misinterpreted. We now know that an "aetheric" science is the only remaining model of the Universe that fits together with the evidence that is now available. Current theories working with these aether concepts, including "Sequential Physics," "Subquantum Kinetics," "Nonequilibrium Thermodynamics," "General System Theory," "Reciprocal System Theory," "Harmonic Universe Theory," "Maxwell / Whittaker scalar-wave physics" "Hyperdimensional Physics" and any number of "Unified Field Theories," all agree that our physical reality arises from this hidden energy

substance, which creates all that we know and see by vibrating.

And thus, like fishes in the sea, the pressure of this energetic "fluid" constantly surrounds us, though we do not normally notice its presence. In this wealth of new data, the aether fluid is a source of tremendous energy that is in constant vibrational motion, flowing through all objects in the Universe, creating and recreating them every second -- just as a candle flame is constantly absorbing new wax and oxygen and radiating new heat and light, but still continues to exist as a measurable "unit." Should this aether ever stop flowing and swirling about with such an intelligent, purposeful behavior, all mass would shed heat, gradually "dissolve" and return to its primordial energy state; the "flame" would go out.

Indeed, this new "physics of the 21st century" tells us that the very building blocks of mass, the atoms and molecules themselves, are not particles at all. Instead, they are ultimately nothing more than spherical whirlpools of energy in this flowing river of aether. And the aether itself provides the most tangible, scientific way to define, explain and even engineer the Mind of God.

2.3 DR. HAL PUTHOFF AND "ZERO-POINT ENERGY"

It is important to remember that this new theory is not simply an abstract notion being entertained in the minds of amateur "crackpot" scientists working out of garage laboratories. Or, to put it metaphorically, this "pot" is not cracked at all; it is just about ready to fill up to the brim and start spilling over into the mainstream public consciousness. The most significant forces that resist such a "disclosure" are arguably those connected to the fossil-fuel industry, as we will outline clear, irrefutable evidence that this technology can be harnessed for producing limitless "free energy" for all of humanity. Obviously a commercially priced anti-gravity system would render our entire fossil-fuel based world of cities, highways and transportation systems obsolete.

Furthermore, there is evidence to suggest that the wealthy elites are now aware that they / we will lose everything if we do not implement this technology; there is no point in maintaining financial control over an Earth that has been destroyed. Even the United Nations has come forward to state that our environment is on the brink of dire, irreversible catastrophe if we do not make immediate, painful changes. This might be why visible cutting-edge physicists with government research backgrounds, such as Cambridge University's Dr. Hal Puthoff, are beginning to acknowledge that a modern "aether" science is required to explain the many problems and paradoxes of science. Drop by drop, we're being given the message by the mainstream media... and in this book we will hold nothing back, with full knowledge of the potential risks involved in doing so. Consider this a "sneak preview."

In order to lend proof to the idea that the "aether" really exists, Dr. Puthoff reminds us of experiments that were conducted before quantum mechanics theory ever existed, which were designed to see if there was any energy in "empty space." If these areas of the universe are truly empty, then nothing should be there; no electromagnetic fields, no X-rays, no heat, no energy, nothing. In order to test this idea in the laboratory, it was necessary to create an area that was completely free of air (a vacuum,) and shielded from all known electromagnetic radiation fields. The shielding of this "empty" area

from energy fields was accomplished by using what is known as a Faraday cage, which is lined with lead. This airless vacuum was then cooled down to absolute zero – the temperature where all matter should stop vibrating and thus produce no heat.

At this point, all conventional explanations, having to do with what physicists call the “conservation of energy,” would simply say that it should be a dead, lifeless “vacuum.” You’ve cooled it down to zero degrees Kelvin, sucked out all the air and shielded off all the energy fields. That’s it; now you’ve got a “dead” space.

These experiments proved that instead of an absence of energy in the vacuum, there was a tremendous amount of it! Dr. Puthoff has often called this a “seething cauldron” of energy in very high magnitudes. This force was dubbed “zero point energy” or ZPE. The term “zero point” was used for two reasons. The first reason is that you can still find this energy at “absolute zero”, where there should be no heat or any other form of energy remaining. The second reason is that the pressures of this energy field usually cancel out to zero, or what is known as a vector zero resultant. That complex-sounding term simply means that this energy applies force (vectors) equally in all directions, and thus to us it has no typically measurable movement or force; it just cancels itself out as a result. However, Lt. Col. Tom Bearden points out that if you set two fleas into a head-to-head pushing battle and neither one of them can move forward or backward, you could measure the pressure in the area between their heads and have a vector zero resultant. However, if you measured the pressure between two elephants going head-to-head the same way, you would also have a vector zero resultant. Therefore, Bearden suggests that different areas of space can have different pressures of energy, which are not normally noticeable or measurable to us. He refers to these invisible energy forces as “scalar waves,” and has built detectors that allow us to measure them, using coils that are shielded in Faraday cages.

So, if you’re still thinking that none of this matters very much in your own life, we’ll just give you an idea of exactly how high of an energy magnitude actually exists within the vacuum. Physicists John Wheeler and Richard Feynman have calculated that:

The amount of energy in the volume of vacuum space contained within a single light bulb is concentrated enough to bring all the world's oceans to the boiling point!

Imagine, just for a moment, what might be possible if you could harness this energy for your own miracle healing power. Or for psychic ability. Or to levitate your own body, or other heavy objects. We are not afraid to say that the energy to do these things is already there! How many of our readers will completely discount every reported miracle of Jesus and other spiritual adepts and masters? If you resist the idea that such possibilities exist, then this book is probably not for you. Lt. Col. Bearden reminds us that when we tap this energy for our own needs, it is the equivalent of dipping a teaspoon into the ocean. This limitless reservoir of energy around us is of far greater magnitude than we could ever dream of.

Once we accept this energy’s existence, many problems in quantum mechanics clear up. The very existence of atoms, as now seen in quantum

mechanics theories, cannot be adequately explained with our existing models. (We will have much more to say on this as the book progresses.) Dr. Hal Puthoff notes that mainstream quantum mechanics theory does not understand why an electron does not simply radiate away all of its energy and crash into the nucleus, as a satellite will eventually do in Earth orbit. If there is such a thing as an "electron," it would indeed appear to be akin to a tiny perpetual motion machine. When asked, quantum physicists will usually just say that this strange behavior is "the magic of quantum mechanics." Problematically, they propose a 'closed system' where energy is radiated out but no new energy can come in, even though every physicist knows that "Energy can neither be created nor destroyed." However, if the electron itself were constantly drawing energy from the ZPE or aether, as Dr. Puthoff suggests, then it would be able to sustain itself as an 'open system' just like a candle flame, where energy is constantly flowing in and flowing out.

2.4 AETHER: NOT TOO TABOO

More and more researchers are unafraid to use the forbidden word "aether" when discussing zero-point energy, this flowing background substance of the Universe that can be proven to exist everywhere. The word "aether" had essentially become "taboo" after the Michaelson-Morley (M-M) experiment supposedly disproved its existence in 1887, even though all it truly did was to disprove the existence of a material aether, which would be a literal physical substance of matter that was hanging in the air like a gas. The original idea for this experiment was not to prove or disprove the aether's existence; it was simply to measure how much was there. The experiment proposed that as the Earth moved through space, there would be a "drag" of aetheric substance that could be measured in the direction of Earth's travel, similar to ripples on a pool of water as you move your hand through it.

There are several problems with this being used to "disprove" that there is an aether. Firstly, conventional science does not understand that gravity is the primary movement of aether on Earth that we can measure, which overrides the "aether drag" of Earth's movement through space. To a person inside the gravitational field, gravity would be the only noticeable aetheric movement; it shields us from other movements. Secondly, they did not realize that the aether was also forming the measuring instruments as well as the measurement area, thus making any measurement of such subtle changes impossible! Any change in the surrounding area will also produce a change in the instrument itself.

Even though M-M did not disprove the existence of a non-material energy source such as ZPE, even the use of the term "aether" now is likely to create automatic rejection from society's scientific authorities. As long as people continue to "believe" in the scientific fraternity's inherent trustworthiness without examining the facts for themselves, this game can be perpetuated. And even though we cannot "see" the aether directly, we also can't see the bacteria on our skin, the air that we breathe or the gravity that holds us to the Earth. Thus, even though one might feel that something "nonphysical" means that it cannot exist, all it really means is that it is not directly perceptible with our natural sensory organs.

Prior to Michaelson and Morley's experiment, most physicists agreed that this aether had to exist, and created workable models and mathematical

constructs based on it. And now, the “negative” result of the M-M experiment has been superseded by a plenum of findings that prove that the ancient concepts were right all along. The difference is that we now know that atoms and molecules are composed of nothing but electromagnetic fields, whose energy comes from a source that is not yet measurable with most conventional methods! Therefore, whereas Relativity and Quantum Mechanics were the hallmarks of 20th century physics, stalemated with obvious contradictions and impossible Babylonian towers of increasingly contorted logic, a modern interpretation of the “aether” will rapidly rejuvenate physics with new, orderly life in the 21st century, returning the Universe to an understandable Unity where we “know the playing field.”

2.5 A VIBRATIONAL VIEW OF GOD, LOVE AND PHYSICS

As our understanding of this universal energy source continues to expand, we are soon confronted with the idea that it is intelligent, that it can directly interact with our consciousness. After all, if this truly is the “Unified Field” that mainstream science has been searching for as the basis for all matter, then we are also a part of that unified field – mind, body and spirit. Or to put it in different terms, since we have consciousness, then consciousness must be a functioning part of that unified field as well. This simple point of philosophy is quite often ignored in the course of a scientific investigation:

By virtue of the fact that consciousness exists, it must be a function of the Unified Field, whatever that turns out to be.

And in his book *A Brief History of Time*, well-known physicist Stephen Hawking predicted in the late 1980’s that this Unified Field Theory would be solved within twenty years.

The concept of a consciousness that is inherent in the energy of the universe is no longer in the realm of the spooks and spiritualists, as modern quantum physicists have discovered irrefutable evidence that the expectations of the experimenter can dramatically affect the outcome of the experiment – the quantum energies involved “know that they are being watched.” Anyone can go to the science section of their local bookstore and find scores of titles that will discuss this, such as the classic *Dancing Wu-Li Masters* by Gary Zukav, who is now well known for his frequent, insightful appearances on the Oprah Winfrey show. Furthermore, we also know that this conscious interaction with “matter” doesn’t have to stop with the quantum arena.

In the field of parapsychology, which is solidly empirical and has struggled in vain for mainstream academic acceptance for many years, we have prestigious institutions such as Princeton Engineering Anomalies Research or PEAR that have absolutely proven that human consciousness can affect the outcome of seemingly “random” procedures. This can include effects where the participant is able to demonstrate the following, statistically significant results:

- affecting computerized random number generators,
- changing the speed with which radiation emanates from a source to be measured by a Geiger counter,
- and even affecting the random movement of ping-pong balls through a matrix of pins. The experimenter drops the balls through a single slot into a matrix that normally should funnel them into a random configuration

throughout ten or fifteen slots at the bottom, and yet by sheer intent the participant is able to significantly increase the number of ping-pong balls that fall into a certain slot.

It is also important to remember that the subjects for these sorts of experiments are not heavy-duty psychics, but ordinary people; so we are not talking about something that is only available to certain "elite" humans in our society. These experiments clearly reveal that the human being possesses untapped potential that has not yet gained mainstream scientific acceptance.

So therefore, if the entire Universe is composed of a unified field, or One Unified Conscious Energy Source, then as we said, we are also a part of that field; our consciousness can interact with it at many levels. And though many of us have not reached consensus about who or what God actually is, we must also follow the logic and admit that all of our most fundamental conceptualizations of God must be considered in this model as well. And when we strip away the religious and denominational distinctions of various belief systems on the planet and try to weave a single thread through their teachings, we are left with the simple fact that the fundamental nature of God's Energy is Love and Light. And since its nature is loving, we are told that it seeks to have everyone else feel the same way; it is continually striving to have each conscious life form in the Universe reunite with that Love and Light as much as possible. Hence, Jesus taught us to "Love thy neighbor as thyself." We are told that God is evolving, through the free-will decisions of its apparently separate participants. The whole universe changes as we choose to reunite in Oneness.

The key point that can connect the concepts of God, Love and physics is the idea of sympathetic vibrations, as researcher John Keely suggested. Keely reminds us that this principle is easily seen with a tuning fork. If you strike a tuning fork and have another nearby of similar proportions, the sound vibrations will mysteriously "carry over" to the non-vibrating fork and cause it to resonate on its own. Similarly, we have different people, different nations, different planets, and we can either choose to love and get along with each other, or choose to hate and destroy each other.

So, in the simplest possible sense, we can either have faith or simply postulate that the entire universe is One Being with One Mind, and that both the nonphysical aether and physical matter is all a fundamental part of that interconnected being. The world's spiritual teachings all tell us that God seeks Oneness, unity and connection, and they also associate this quite directly with the concept of vibration. To use an analogy given by Dr. Walter Russell in *The Secret of Light*, we can take a single wire, bend it 90 degrees and begin rotating it. At slower speeds we can easily see the wire, but the faster we vibrate it in circular motion, the more it will appear as a completely solid disc. This is a model for how our apparently solid matter could be seen as ultimately composed of non-solid energies vibrating at a certain frequency, but it is also a model that allows us to see how the higher the vibrations rise, the more stable and Unified their composition will become.

Therefore, Unity or Oneness is the point of "singularity" where all vibrations become simultaneous: all colors become White Light and all space and time merges into a single "moment center" – which we will cover later in the book. Again, the closer we get to the "moment point" of Oneness, the higher the

vibrations will become – and the model of physics in this book will show us very concretely how this is working, if we are willing to accept that simple philosophical premise.

And thus, even though love is often seen as merely a nebulous, subjective concept that often gets tied up in ideas of control and sexuality, in the aether models it can very well be defined:

Love is the tendency for entities within the Unified Field, whether human, "particle" or otherwise, to increasingly vibrate towards Harmonic Unity or Oneness.

So, you ask, what does love in the human being have to do with vibrational movement? There are several ways to look at it. In a more physical sense, the feeling of love causes more motion in the nervous system and throughout the body: pupils dilate, heart rate accelerates, skin conductivity changes, perspiration increases, breathing is accelerated and neurological processes flow more quickly, leading to greater inspiration. Moreover, the feeling of love will bring a human being into greater harmony with the others around it; there is a greater propensity to smile, to be happy, and to be friendly. In a very real sense to many spiritual philosophies, this creates a radiant motion, as when love is radiated to another person, that person also begins to feel it, and is likely to continue radiating it to others. This radiant motion could be seen to travel through humanity in much the same way that a wave exhibits motion through a given medium, though it may not seem to be a fast-moving wave on the time axis. (At least, that is, until we study the Maharishi effect, which is covered further along in this chapter.) And indeed, the ETs tell us that at any one time, the total mass of humanity has a strong hand in determining the total vibrational frequency of the earth, whether higher or lower; so "everyone counts."

We have stated that this motion of Love is a factor in physics, such as at the quantum level, as well as in human beings. Consequently, the aether that forms all objects in the Universe must be in motion. But why must there be motion, you ask? Without motion, there is no Existence. If ultimately the universe is comprised simply of a Unified Field, then something has to happen within that field to create change – it can't just "sit there." In other words, if the field remained static, unmoving and unchanging, then you couldn't build reality, as on the most fundamental quantum level, energy has to move in order to function. That movement is a vibration; therefore, all elements of this Unified Field could be seen as existing fundamentally as vibrational motion.

If the nerves in your brain were not capable of vibrating energy through themselves and into the appropriate areas, you would not be able to think or operate your body in any capacity. If blood did not vibrate through your veins by the action of various muscular contractions, you would die. If electricity is not allowed to vibrate through the circuit boards of your computer, the computer will not function. If the energy in atoms did not move, we couldn't perceive them and they couldn't bond with each other to form basic chemical compounds. So for you, the human being, it is important to see that in a very direct neurochemical sense, every thought and action, however small, is creating a form of vibration in the aetheric energy that surrounds and creates you. If the electrical interactions in your brain and body were only occurring in the context of "empty space" surrounding you, then you might not expect

them to travel outside of the barrier of your skin to the air– but we now know that there is no empty space in the Universe. If all energy is unified as one field, as aetheric energy, then any movement of energy within that field must resonate throughout it – including the movement of consciousness.

Think about it this way. Your body couldn't function very well if each cell declared itself separate from the body and shut down, refusing to “vibrate” with the rest of the body systems. It is for this simple reason that the world's spiritual teachers all suggest to us that God has an agenda, seeking to reinforce the loving, unifying thoughts and actions. How could one part of the body rage against another if the body is to perpetuate itself through cooperation? No one can deny that each one of us wishes to be happy – it is written directly into the Constitution of the United States as one of our most fundamental “rights.” Why should God be any different?

So, if your consciousness is actually creating “ripples” of vibration in this sea of nonphysical aether energy, then the more loving you become, for yourself and for others, the more this causes you to strengthen your vibrational fusion with the energy of Creation. And ultimately, this fusion is a point of no space / no time and all space / all time. Geometrically, it is the Center.

Love is a radiating, strengthening, unifying force, moving towards the central point of Oneness, whereas hate, or the absence of love, is an absorbing, dis-integrating, weakening force, absorbing energy away from the central point of Oneness and compartmentalizing it.

Though many people will probably disagree with such an assessment of the vibrational nature of consciousness, it is certainly something that deserves a fair trial, especially in light of the scientific evidence that we are about to cover. This importance of “love as vibration” is by far the most fundamental spiritual message that the positive ETs seem to be attempting to impart to humanity through any number of methods, such as the phenomenon of “psychic readings.”

So, although it does indeed bend the mind somewhat to think of Love as an actual tangible energetic movement, there are an ever-increasing number of people who are working on their spiritual growth and healing processes who speak about this “energy” constantly. Even as science is making great strides in many very important ways, we must also respect how many spiritual strides are occurring in our society as well. More and more of us are becoming cognizant of the bigger pictures that define reality as we know it - and we are not afraid to follow the clues to their new solutions. Science no longer needs to be compartmentalized to the degree that the physicist goes to church and prays to God on Sunday, and then spends the rest of the week in the laboratory trying to disprove its existence.

2.6 THE BACKSTER EFFECT REVISITED

Indeed, the conscious aether itself is arguably the most direct energetic manifestation of God that we will ever find – and as we have said, all spiritual traditions seem to agree that God is Love and Light. Certain replicable experiments, including Cleve Backster's various polygraph experiments with plants and other forms of life, and a host of mind-body medicine studies in humans, reveal that hatred destroys life and love enhances life. Although we

could argue about the cause, the fact remains that when a human being sends harmful thoughts to a plant, it goes into great alarm and shock and will eventually wither and die, whereas other equally valid experiments showed that if a human being sends love to a plant and / or plays music around it, the plant will blossom and grow more vigorously. This methodologically sound research was originally highlighted in the extremely popular 1970s book known as *The Secret Life of Plants*, and more recently in another book known as *The Secret Life of Your Cells*, by Dr. Robert Stone.

The “Backster effect” demonstrates that plants are very well attuned to the energetic vibrations within their environment. It has been demonstrated and recorded countless times, eliminating all extraneous variables with strict design protocols. Cleve Backster had many years of police experience in administering “lie detector” tests, where a human being would be set up to a machine that measured minute electrochemical changes in the skin. This process, known as polygraph testing, would produce data in the form of a continuing graph on paper, similar to a measurement of heartbeat or other vital signs. The stylus that deposited ink on the paper was designed to wiggle in accordance with any changes in the person’s Galvanic Skin Response, or GSR, which is basically a measurement of how well the skin conducts electricity. If the person suddenly felt the internal stress of telling a lie, their physiological system would reveal that stress through such things as an increase in heart rate, breathing and perspiration. Any of these increases would change how well the skin could conduct electricity, and often quite abruptly.

So, after many years of work in this field and becoming one of the top polygraph experts throughout the country, Cleve Backster got the idea one day to delicately connect the same metallic terminals that he normally would connect to a human being for a “lie detector” test to the leaf of a plant, and graph the plant’s electrochemical changes. Over time, he discovered that the plant was somehow responding to its environment quite directly; anything that may damage the plant in the outside world seemed to cause a reaction. Cutting the plant seemed to be nowhere near as traumatic as burning the plant, however if he pretended that he was going to burn the plant but knew that he wasn’t actually going to do it, the plant wouldn’t respond. It was only when he formed a clear mental image of grabbing a book of matches, lighting a match and holding it to a leaf that the graph would register a sudden spike – the plant was going into shock, sending as much extra moisture as possible to the leaf in order to protect itself against any damage. This effect also ripples throughout all other plants in the vicinity.

Some will dismiss this research out of hand, no matter how many charts and graphs they are shown, or even if it is demonstrated right in front of them. On the other hand, other people who are more open-minded would choose to interpret this experiment as indicating that the plants are thinking creatures just as we are. However, at the most fundamental level, we must consider that either way, there has to be a means by which the thoughts of the human are being transmitted to the plant – there has to be a medium through which consciousness can travel. Mainstream science has not yet acknowledged the niche where this medium would exist; namely aether or zero-point energy. Novel theories of a chemical “message” being sent through the air are certainly possible, but the effect works just as well when the plants are isolated from each other, thus prohibiting any such form of communication.

So again, let us use our example of love as representing a higher level of vibration in the aether. The plant may not have any “emotions” as we would think of them as humans, but simply is responding to changes in the vibrating resonance of aether that constantly surrounds and thereby creates it on a moment by moment basis. In other words, when a person sends loving thoughts to a plant or plays it music, the aetheric energy that the plant draws on for growth and development is increased, and it thereby becomes more vigorous. Similarly, when Backster sent hateful thoughts to the plant, the frequency of energy around it actually decreased, and based on the plant’s primitive design, this energy change triggered a natural survival response as a result.

Backster also demonstrated that the plant’s shock response could just as easily be caused by the suffering of other creatures in the same area. He designed a series of experiments where a machine would randomly dump brine shrimp into a bath of boiling water while he was not present in the building. The plant naturally and immediately responded to the death of brine shrimp in its environment, reacting with the electromagnetic vibrations that were present in the area; it wasn’t necessary for a human to send negative thoughts to the plant. Hence, inharmonious aether vibrations, no matter who or what creates them, could be seen as leading to inharmonious and even toxic growth conditions, whereas loving aether vibrations enhance the speed and vigor of vitality that streams into the plant, as other experiments clearly demonstrated. Pain, death and hateful thoughts draw away energy from the aetheric forces in that area and reduces the plant’s ability to grow.

The Backster effect has also been demonstrated with bacteria – an even simpler lifeform than brine shrimp. We attended a lecture of his that was hosted by Walter Russel’s University of Science and Philosophy on September 8, 2000, and during this talk, Backster revealed that he discovered the bacteria effect after pouring a pot of boiling water from the coffeemaker into the sink in his laboratory. His plants, which were always connected to the polygraph machine, registered a huge and immediate shock when he did this, which he later found on the printout. Obviously, he was very puzzled as to what had caused this at first, and had to think carefully about what he was doing right at the moment that the shock had registered. Once he traced it back to the boiling water, he sampled the sink with a cotton swab and analyzed the specimen under a microscope. He then got the answer, which was that a huge colony of bacteria was growing in the sink, which he did not clean regularly! Subsequent experiments proved that the plants consistently reacted to the death of the bacteria. This unexpected result was what led him to perform the brine shrimp experiments indicated above.

2.6.1 “LIVE FOOD”

From this point, he later determined that yogurt could be used in his experiments in place of plants, due to the living bacteria cultures within it, and it would perform in exactly the same manner. The conductivity of the yogurt allowed him to put electrodes into it in the same fashion, and he was able to measure similar polygraph reactions as the plants had shown. For example, when he had connected the yogurt to the polygraph and then had someone eat a separate yogurt sample, the yogurt would register a shock reaction perfectly in time with the small number of seconds that it took the digestive

juices of the stomach to begin breaking it down. Likewise, yogurt in a given room would respond to anything damaging that happened to a plant nearby.

2.6.2 PLANARIA

At one point, Backster attended a scientific presentation that involved the Planaria worm, a small centimeter-long flatworm with two knobby "eyes" at one end of its body. In this experiment, the researchers were attempting to prove that knowledge from one worm could be transferred to another worm that had eaten the remains of the first. So, the hypothesis was that if a Planaria "learned" not to go to a certain area that would damage its body, that knowledge would become stored in its cells and could be transferred to another worm that was fed the remains of its body. The first Planaria would be placed in a petri dish that had a caustic chemical at its rim, so it would learn through hard experience not to travel to the edge. After learning this lesson well, it would be diced up and fed to the next worm. The researchers would connect polygraph electrodes to each Planaria that was placed in the dish, in order to register the occasions when it was being shocked by contacting the chemical.

"Do you want to know what's really going on?" Backster asked the lead researcher. "Sure," the researcher challenged. "Watch this," Backster said. He went over to the flask that contained the whole colony of Planaria worms and gave it a good shake back and forth. The Planaria in the dish gave such a huge reaction that it spiked the graph right off the paper! The researcher immediately dashed over to the graph and started checking underneath the machine for a loose wire or a malfunction; Backster simply laughed, put his hands in his pockets and walked away. Simply put, what happened to one Planaria happened to all the Planaria, and a primitive form of "group consciousness" traveled through supposedly empty space, seeking to teach the group its lessons for survival.

2.6.3 CELLS

Backster's studies involving human cells, as documented in Dr. Robert Stone's book, are perhaps even more interesting. In this case, the epithelial (skin) cells of a human being, gathered from inside the cheek with a cotton swab, were stored in a separate room and connected to a polygraph machine. Backster was able to prove repetitively that the cheek cells would demonstrate sudden responses that corresponded precisely with the timing of tailor-made emotional shocks that were carefully induced to the participant. It wasn't necessarily easy to ethically shock a human being, so there was no "standardized" way to run the experiment. The tailored shocks were administered through such methods as the viewing of violent movie footage that would have a particular emotional impact to that individual, such as a World War Two fighter pilot veteran watching a film of an airplane being shot down. In such a case, as the ex-pilot squirmed in his chair, creating electromagnetic frequency changes in his Galvanic Skin Response, his cheek cells would squirm in the next room in the same measurable way. Another example would be to leave a young man in a room with a pornographic magazine, and to then barge into the room after he had started looking at it, creating a rush of embarrassment. His cells showed the same response in the next room. Therefore, shocks and negative emotions in the mind are instantaneously moving throughout the cells of the body and affecting them,

whether those cells are connected to the body or not! If space has no medium in it that allows consciousness to travel from one area to another, then how could this be possible?

2.7 CLASSIC METAPHYSICAL MYSTERIES EXPLAINED

2.7.1 CANCER

Backster's findings with our cells help explain the fact that cancer is now shown by medical professionals such as Deepak Chopra and Andrew Weil to be a direct manifestation of anger, or the resistance to love. These studies also reveal that those who are the healthiest and live the longest are also the happiest and the freest from worry, fear and hatred, thereby accepting love into their lives. In other words, stress and shock are not simply isolated from the bodily system; they fundamentally affect all cells of the bodily system. What had once seemed to be metaphysical speculation is now becoming an established medical fact. If you want to live longer, you need to have effective stress management skills, and learn how to communicate effectively to dissipate your anger.

2.7.2 THE MAHARISHI EFFECT

Furthermore, if the Backster effect can occur within the cells of one person whether the cells are within or separate from the body, then it is foolish to assume that this effect is not also passed between human beings to some degree as well, then directly affecting the emotional states of others around them. This is one reason for why very sensitive, intuitive people can end up having constant battles with depression; they are unable to "shut off" the disharmony of the people around them. And on a more positive note, the highly well-crafted "Maharishi effect" experiment showed that while a large group of trained people meditated together in a major city, the amount of violent events in that city noticeably declined. A good, short account of this experiment is featured in the book Cosmic Voyage by Dr. Courtney Brown, head of The Farsight Institute:

In the December 1988 issue of the Journal of Conflict Resolution, a methodologically sophisticated article appeared which claimed that groups of meditators practicing Transcendental Meditation and the more involved TM-Sidhi Program in one place could influence the level of conflict in nearby locations (Orme-Johnson et al. 1988). This phenomenon is labeled the "Maharishi Effect" in honor of Maharishi Mahesh Yogi. The article was considered controversial when it was published, and by all accounts it still is.

Again, what we are fundamentally seeing with this effect is that there is a medium that human consciousness travels through; and indeed, it may be the very formation of that consciousness as well. In an aetheric model, this movement could simply be seen as what we have defined as Love: "Love is the tendency for entities within the Unified Field, whether human, "particle" or otherwise, to increasingly radiate Harmonic Unity, through vibrational motion." And in the case of the Transcendental meditators, somehow the process of stilling the mind, having loving thoughts and breathing deeply is causing there to be a raising of vibration, which then ripples through the consciousness of humanity much as the lowering of vibration through pain had rippled through the Planaria worm family in Backster's demonstration.

So, if you are willing to still your mind in loving consciousness, you may very well be able to cause a movement of the energy around you. But exactly how much motion is a human being capable of creating in this aether? If all physical objects are created from this energy as well, then must this only remain a movement within consciousness, or could it be physical motion as well? (In later chapters we will discuss the motion of aether to levitate physical matter through technological means, and show clear, documented evidence that proves that this has already been done.)

2.7.3 LEVITATION

Indeed, some of those on our planet are already developing the abilities that are said to be commonplace in higher realms of vibration - abilities such as ESP, precognition, levitation, spontaneous manifestation / demanifestation of objects, the ability to see auras, heal others and the like, all of which can occur in the aetheric model. Numerous Christian saints were eye-witnessed and documented as levitating, such as St. Teresa (1515-82) who said the following:

It comes, in general, as a shock, quick and sharp, before you can collect your thoughts, or help yourself in any way, and you see and feel it as a cloud, or a strong eagle rising upwards and carrying you away on its wings.

This author and others have personally felt the preliminary stages of what St. Teresa was describing, including a "quick and sharp feeling before you can collect your thoughts" and a feeling that "your soul was carried away" through the top of your head. Wilcock has named this phenomenon the "ear blast," since it seems to originate as a pulsating vibration in the ears that causes, or is a result of, a sudden, shocking vibrational increase in consciousness. In our case, this has never gone fully into levitation of any kind, but there is still hope! Mainstream Catholic records report that St. Joseph of Cupertino (1603-63) was literally able to fly eight or more feet above the ground, and this was publicly observed over 100 times. Once he also grabbed onto another friar and carried him around the room, and soon after his death, fellow witnesses confirmed under an oath before God that they had seen St. Joseph levitate. It is highly unlikely that they would have lied, given what such an oath would have meant for them.

More recently, we have the case of Mr. DD Home who has also been documented as levitating his body in the 19th century, by reputable scientific researchers, world leaders and crowned dignitaries who observed it firsthand in the eastern Lake Ontario, Canada area from 1820 to 1850. Not only could Home levitate, he could perform many other feats, including plunging his hands or head into fire and not getting burned, and even levitating an accordion inside of a cage and playing a tune on it. Michael Talbot's book *The Holographic Universe* contains a treasure-trove of fascinating accounts just like this one, and should be considered "required reading" for those who truly wish to study and integrate this new paradigm.

Regardless of what any particular reader is willing to believe regarding metaphysical phenomena such as levitation, there are certainly an ever-increasing number of people who are having valid mystical experiences and are reluctant to discuss them in public for fear of ridicule. In October 2000, an

otherwise ordinary furniture salesman revealed to this author that his son had levitated three feet off the ground in a well-lit room during a séance – and it was only after Wilcock revealed the truth of his career and findings that the man had enough trust to offer the information. Naturally, a skeptic will just continue to say “He’s lying” unless the proof is individually witnessed – other certified witnesses such as in the case of St. Joseph of Cupertino are ignored. However, now we can loosen those shackles, as the existence of the conscious aether makes all varieties of mystical phenomena possible, by providing a medium for consciousness to travel through and thus cause action-at-a-distance, even to the point of causing the direct levitation of objects or the human body. And telekinesis has very definitely been studied in the laboratory setting.

2.8 THE AETHER AND PSYCHOKINESIS

If a human being can make objects levitate and move through “empty space” by themselves, then our current scientific understandings are in need of serious revision. As we said, if love is simply a motion of energy that trends toward a higher level of vibration, then this might not have to be a motion solely within the nonphysical field of consciousness; physical matter can be affected as well, even to the levitation of the body. However, the data on levitation is still open to other interpretations, some of which are simply religious and do not bother with the question of “how.” In the mind of the scientist, the universe is composed of four basic forces: gravity, electromagnetism, weak nuclear and strong nuclear force. If the aether truly forms all of physical matter and either creates or is a function of consciousness, then there must be a way for consciousness to spontaneously generate any of these four basic forces we have cited, in addition to being able to move physical objects. If we can’t find the basic forces of the Universe created in this movement of consciousness, then the entire, widespread body of data “can’t be true.”

Rigorous studies of the phenomenon of psychokinesis were conducted in the former Soviet Union and Czechoslovakia, later reported on in the unclassified Defense Intelligence Agency's Soviet and Czechoslovakian Parapsychology Research (U), by Mr. Louis F. Maire III and Major J.D. LaMoth, MSC, published September 1975. Since it appears that these countries were far ahead of the United States in this research, it is worthwhile to pursue these leads - as most Westerners are not aware of the degree of scientific progress that has been made in the former Soviet bloc on these areas. In these studies, the aetheric energy being harnessed is referred to as “bioplasma.” We have italicized certain portions of this rather long excerpt below for emphasis.

Psychokinesis (PK), or as it is sometimes called, telekinesis, is the ability to influence animate or inanimate objects at a distance, without physical contact, by means of uncontrolled or controlled biological energy fields. Some, but not all, of the effects of PK include: initiation or cessation of motion in inanimate objects; apparent neutralization of the effect of gravity on inanimate objects (levitation); induction of changes in physiological processes of animate matter; the creation of measurable electric, electromagnetic, electrostatic, magnetic or gravitational fields around target objects; and the imposition of images on shielded photographic emulsions...

[Note: Right away, the criteria for human consciousness to create the basic

energy fields in the Universe has been satisfied, published in a document from the US Defense Intelligence Agency.]

Soviet research has taken several different directions in efforts to develop materialistic explanations for observed PK effects. This research has involved in-depth studies of the characteristics of the electrical field between subject and object, characterization of electrical fields immediately around the subject, study of bioelectrical fields by detection devices, study of subjects' brain wave patterns, and photography of the subjects' bioenergy fields. To date, Soviet scientists are by no means in accord concerning the nature of the forces involved, but all are in agreement that a physical energy is at work. (37)

Dr. Viktor G. Adamenko of the Moscow Institute of Radiophysics, Dr. Viktor Inyushin, of the Kazakh University, Alma-ata, and Dr. Genady Sergeev of the A.A. Uktomskii Physiological Institute, Leningrad are the leading Soviet theoreticians studying PK. Both Inyushin and Sergeev have developed theories based on the existence of a new form of energy - a form of biological energy referred to as "bioplasma". They consider PK effects as analogous to lightning accidentally charging a surface and feel that movement in PK occurs as a result of the interaction of the object's electrostatic charge and electromagnetic field with the human operator's field. The biological energy involved is under conscious direction by the subject, who can make a target object start or stop motion, change direction or rotate. Sergeev has developed instrumentation which measures changes in the bioplasma field at distances up to 3 meters (9.9 feet); he has recorded fields of 10,000 volts/centimeter in the vicinity of a target object with no indication of an electrical field in the space between the subject and the object. According to Sergeev, bioplasma energy is maximally concentrated in the head region. He attributes PK to a polarization of the bioplasma in a laser-like fashion and refers to this as a "biolaser effect" which acts as a material force upon the object. (37)

Dr. Sergeev has developed detectors that monitor the energy field during PK demonstrations. Although Western observers have been denied information on the construction of the detectors, (information reported to have been classified by the Soviet military,) details may have been published by the Soviet Academy of Sciences...

[Note: At this point the authors try to speculate as to what these detectors might be. We have omitted this portion and certain others. When we review Lt. Col. Tom Bearden's work on Soviet scalar-wave technology we can see why it was classified, as he has written entire books on how the former Soviets had used this technology for weapons applications.]

Dr. Adamenko has conducted experiments to ascertain the role of electrostatic charges on the surface of target objects as the cause of their movement... Adamenko has shown that the material basis of contactless interaction between man and objects results from an electrostatic field whose magnitude depends on man's physiological state...

...Adamenko makes reference to healing by "the laying on of hands" (in Western terms "faith healing"). The Soviets have measured electrical fields between "healers" and patients, yet knowing these field potentials they have not been able to duplicate the beneficial effects obtained from humans by

means of mechanically generated fields...

In 1973 and 1974, a Soviet psychic named Boris Ermolayev participated in a series of experiments at Moscow University. Ermolayev is reported to have the ability to levitate (suspend) objects in midair by concentrating psychic energy at a focal point in space. (40) In some of the tests, Ermolayev pressed an object between his hands, then slowly moved his hands apart until they were approximately eight inches from the object, which remained suspended in the air. Soviet scientists claim that all tests were conducted under the strictest controls and that no strings or other devices of any kind were used. Dubrov feels that Ermolayev's levitation powers can be used to prove that space-time and gravitational changes occur in the area between the psychic's hands and the object. He suggests that the transmission of electromagnetic energy of known velocity should be delayed when beamed through the levitation field.

Two female subjects, Nina Kulagina and Alla Vinogradova, have been studied extensively by Drs. Sergeyev and Adamenko. According to Sergeyev, Mrs. Kulagina can control the beat of frog heart preparations, imprint images on shielded photographic emulsions, and move objects weighing one pound or more...



Nina Kulagina in the laboratory with objects that she moved while being filmed

[Note: Refer here for other images.]

In other experiments, Mrs. Kulagina imprinted images on unexposed film sealed in black envelopes. During these experiments Sergeyev measured the energy around the psychic's body and found it to be half that of a non-psychic individual. This led Sergeyev to believe that she absorbs, or draws, energy from around her and then discharges it on the target object.

Mrs. Kulagina experiences considerable stress while she is being tested. Her pulse increases, as does her rate of breathing; she develops pain in her upper spine and the back of her neck. At the onset of her "activated" state she feels thirsty and has a taste of iron or copper in her mouth. During the activated state she experiences occasional periods of dizziness and nausea. Her blood sugar level rises and within one hour following cessation of tests, a loss of weight (1.5 - 2.0 lbs.) occurs. She experiences less stress when alone, and claims to respond best in an atmosphere of friendly mutual trust and belief. Her PK ability is mood dependent (her mood and the mood of the observers)

and she expends more energy in a hostile or skeptical atmosphere.

The mechanical aspects of Mrs. Kulagina's PK effects are as follows:

1

Size and shape are more important than the physical structure of the substance she is trying to influence.

2

Weight and dimensions of objects she is trying to move are important; the weights vary from a few ounces to nearly one pound.

3

She finds moving a vertical cylinder easier than moving a horizontal one.

4

She causes no changes in the shape of soft objects during movement.

5

The direction an object moves depends on her will, and may be either toward or away from her. She can also cause rotational or vertical movements to occur.

6

Kulagina's optimum field effect occurs at approximately 1 1/2 feet; her distance limit is approximately 3 feet and 4 inches, when the object to be influenced is 3 feet from the edge of the working surface. At these distances she is said to be able to move one object out of many, depending upon where she centers her concentration.

The electrical aspects of Kulagina's effects are as follows:

1

An electrical field is generated in the vicinity of the object she is attempting to influence; however, there is no measurable field between Kulagina and that object and no sparks are observed.

2

She can exert no effect on an object situated in a vacuum.

[Note: Other Soviet psychic research had clearly demonstrated that this "bioplasmic energy" can travel through anything, including lead-shielded cages which prohibit any conventional radiation from entering.]

3

Electrostatic screening has no effect on her powers, which seem to be better with the object under a dielectric [non-conducting] cover, but she is unsuccessful during storms or other atmospheric conditions when there is a greater than normal amount of electricity in the air. She cannot, at any time, exert an influence on an electroscope.

4

She can cause luminescence of crystal lumiphors and produce changes in the spectrum of visible light absorbed by liquid crystals.

Dr. Adamenko has found that Alla Vinogradova produces effects similar to those of Nina Kulagina, but undergoes far less physiological stress. In some of his experiments with her in Moscow, during which she moved a variety of objects about on a dielectric surface, a great deal of electrostatic (ES) energy was measured around the objects (supposedly enough to light a small neon glow tube). The measurements detected field pulsations which were synchronous with Vinogradova's respiration rate, heartbeat, and brain alpha rhythm pattern; however, the region between Vinogradova and the object contained no energy fields nor frequencies, and the ES energy increased in intensity as the objects were approached.

The results with Alla Vinogradova have led Adamenko to believe that there may be individuals who have the ability to build up an ES field on the body surface at will and project it as required. (38)

[Note: At this point in the document the authors take several pages to describe Czechoslovakian research into PK that can be done with most people, not just exceptional individuals. This typically involves a lightweight object that hangs downward on a string attached to its midpoint and is free to rotate inside of a sealed glass container. By simply touching the outside of the container, people are able to make it spin on their own. The first example of such an object that would turn inside the glass is a spoked wheel:]

One of Pavlita's devices for demonstrating PK is shown in Figure 8. The usual way of charging the device with psychic energy is to touch the temple area of the head with the hand, then touch the device. The accumulated energy then causes the spoked wheel to revolve. Pavlita claims that with training some individuals can learn to make the wheel turn by visual concentration alone...

[Note: This author has successfully turned a 3x3-inch square of paper, folded into a pyramid shape and suspended on a mounted needle while under glass, without touching the object. Although it is much easier to do it without glass covering, it certainly can be done in those conditions if you have the patience. So we can vouch for the authenticity of such experiments.]

Now in the end of this section of the document there are speculations as to possible military applications of such abilities. The second to last sentence is, to us, most revealing of the simple truth:

...more significant is the fact that Soviet and Czech scientists are pursuing an interrelated, unified approach to determining the energy sources and interactions underlying PK and appear to be far ahead of their Western counterparts in this goal.

Clearly there is a great deal of information to absorb and to consider within this document. Many of us might not have been aware of the anomalies surrounding the phenomenon of psychokinesis, including the creation of measurable electromagnetic, electrostatic, magnetic or gravitational fields around target objects. And even more importantly, the energetic field around the objects was showing the same rhythms as those within the person's body – such as heartbeat and respiration rate. Consequently, if a person is able to create all of the main "fields" that we observe on the macro level by consciousness, (excluding the atomic-level weak and strong nuclear forces,) then we should clearly put consciousness at a higher plateau than these other

forces, as a unifying factor for all these forces. In other words, if the fundamental forces of nature that our scientists have observed can all be created or harnessed by a force of consciousness, then ultimately they must all be connected in Oneness. Furthermore, Kulagina's experiments with PK clearly demonstrate that the amount of love or sympathetic vibrations in the room had a noticeable effect on her results - skeptical, tense atmospheres created much more energetic stress on her than calm and relaxed, supportive situations.

2.9 ALL IS ONE

Our ultimate contention is that all of the fundamental fields – gravity, electromagnetism, weak nuclear and strong nuclear force – must emanate directly from the aether, a unifying force of sympathetic vibrations that forms all of physical reality as we now see it. Consciousness is fundamentally interwoven with this process. If the Unified Field is pure energy, and the energy must move to form all of physicality, then ultimately Consciousness is another form of aetheric movement. Once a person is properly trained, they can use their consciousness to create motion in the aether in any of its forms, including the commonly observed force fields. And as the Russian scientists have demonstrated, this is no longer speculation; this is experimental data.

In our next chapter we will venture into a discussion about how these concepts of aether and consciousness expand out into the cosmic context – where planetary energies are seen to have a structured effect on human consciousness, thus marking out the passage of time. We will also review data that suggests that alternative planes of existence are indeed a tangible reality, and that the soul of the human being can exist in more than one plane at a time. At the end of the next chapter we will post a review of the contents of these two chapters combined.

CHAPTER 03: THE COSMIC CONTEXT

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3.1 LOVE IS VIBRATION

Considering what we have just reviewed in the last chapter, we must advance another philosophical premise. If consciousness and love can manipulate matter, create all known energy fields and is ultimately a vibrational movement of aetheric energy, then:

The level of love, consciousness or intelligence in a given area is directly measured by the vibrational speed of aether in that area.

Hence, if the aetheric “fabric” of space and time has a given area where the vibrational speeds are faster, then a higher degree of intelligence and love is capable of existing in that area; simply put, there is more energy available in that area. This explains why Nina Kulagina’s telekinetic abilities “worked better in an atmosphere of friendly mutual trust and belief.” Furthermore,

All conscious processes are capable of moving much more quickly, and thereby exhibiting higher intelligence and love, where energy itself is moving much more quickly.

Clearly, studies such as the Maharishi effect show us that an experienced group of meditators were actually able to make a definite decrease in the amount of violent acts committed in a given city; ultimately, they made the aetheric energy vibrate more quickly in that area. To put it in more familiar language, we could say that together, we constantly choose whether we will create harmony or fear in our own lives, and this directly affects all forms of life on Earth as a whole. And if you are one of the majority who believes that life must exist at least somewhere else besides the Earth, then you should know that our love affects all of the Universe in some way.

3.2 COSMIC ENERGIES AND CONSCIOUSNESS

Right away, it is easy for us to slip back into the habit of thinking of love as a particularly human trait, something indigenous to humanity that is not directly related to universal energy. Therefore, let us review our definition of “love” as simply indicating a higher degree of vibrational movement in the aetheric energy of a given area – no more, no less. Kulagina couldn’t perform her PK effects anywhere near as well when the researchers lowered the speed of vibrational movement in the aetheric energy that surrounded her, by thinking unloving thoughts.

In order to truly understand the “Cosmic Chess Game” as we have now seen it, we must think in very different ways than we are accustomed to. So again, everything we know as being “real” is created moment-by-moment from circulating currents of aetheric energy. Thought is a circulating vibration of energy throughout the neurons in the brain. Loving thoughts strengthen life and health and unloving thoughts reduce health. But in the end, this “love” energy is simply a vibration of the aetheric energy that creates everything around us; and this by no means reduces its importance or holiness.

If love is simply a vibrational movement of aetheric energy, then there would have to be forces outside of group human consciousness that could modify these vibrations as well.

These forces must exist, because all of the Universe is in constant motion; all movements would ripple through the 'sea' of aetheric energy.

A quick mental exercise in visualization would easily show you that the entire Solar System must be immersed in a giant "pool" of aetheric energy in its own right, since it is quite convenient to view the aether as a fluidlike nonphysical energy substance. Based on the new model of gravity, which will be explained much more precisely in future chapters, this energy would be constantly moving in and out of each planet, creating it moment by moment. Therefore, as each planet moved through this energy, it would create a rippling wave in the aether in much the same fashion as a motorboat disturbs the water behind it as it travels. And,

When a wave moves through a medium, you have a higher amount of vibrational movement in the wave than you do in the rest of the medium.

So indeed, the collective of humanity is not isolated on a lone planet, free from other influences. The aetheric / ET paradigm suggests that:

The Sun, planets and galaxy are conscious in their own right, since they are formed by conscious aether in vibrational motion, and they naturally create disturbances in the aether as they travel through space.

We must remember that this vibrational "wave" in space has greater motion, hence greater love and intelligence as we have defined it; and this affects humanity directly. The scientific evidence now available proves that this celestially-induced aetheric motion can far supercede the strength of "normal" human collective consciousness in terms of its capacity to modify our behaviors. Furthermore, these planetary movements can actually be shown to have a direct effect on energetic behaviors in the quantum realm as well.

3.3 COSMIC CONSCIOUS ENERGIES VARY WITH TIME

The next point to see is that obviously, these planetary motions will change with time.

Since our planet is in motion along with all others, we will travel through the various planetary "ripples" in the aether of our Solar System in predictable, sequential moments of time.

Therefore, we can expect that a set sequence of energy vibrations will radiate through our bodies, our planet and all energy and matter therein, depending on the relative position of our own planet to the "waves" that have been created by the others.

An article in the summer 2000 issue of 21st Century Science and Technology Magazine entitled Russian Discovery Challenges Existence of "Absolute Time" debuted the ongoing body of rigorous work by Russian biophysicist Dr. Simon E. Shnoll to the Western world. And to put it bluntly, his results prove the

above statement: the planetary motions are creating a disturbance in the general medium of space that affects both living and nonliving processes on Earth directly.

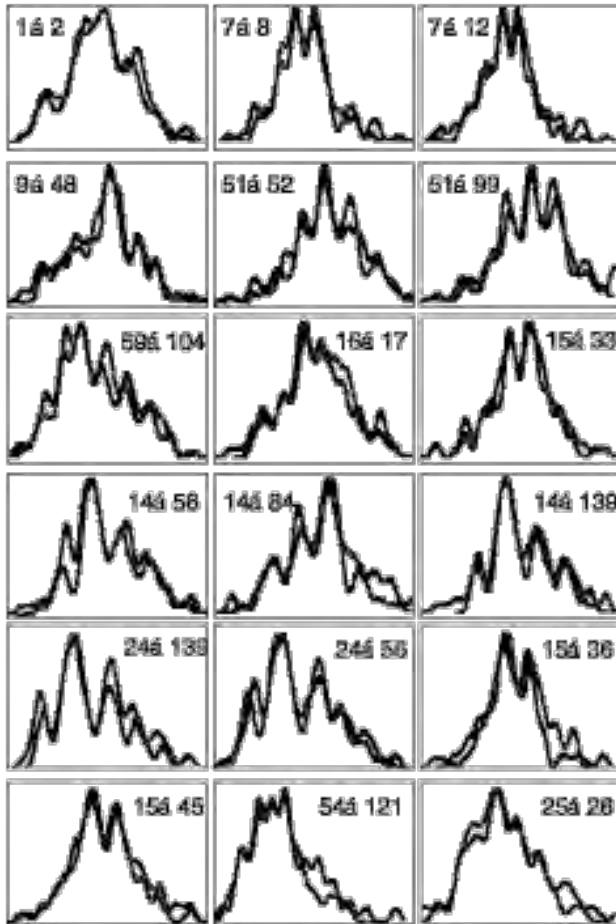
[Link to article](#)

For the last thirty years, Shnoll has steadfastly been gathering data that demonstrated that many different biological, chemical and atomic processes, including the radioactive decay of many different materials, are somehow being directly influenced by celestial movements such as the day, month and the year. At this point, we will just post a small excerpt, and in Part Three of the book we will discuss this in more detail:

Two years ago, nearly unnoticed in the West, the Russian biophysicist S.E. Shnoll published a paper in the prominent Russian physics journal *Uspekhi Fisicheskikh Nauk* summing up the results of more than three decades of investigations of anomalous statistical regularities in a wide range of physical, chemical, and biological processes, from radioactive decay to the rates of biochemical reactions.

The evidence points unambiguously to the existence of a previously unknown relationship between fluctuations in the rates of radioactive and other processes in the laboratory, and major astronomical cycles, including the day, month, and year. The implication is, that many phenomena which until now have been regarded as purely statistical in character—such as the distribution of fluctuations in the momentary rates of radioactivity measured in a sample—are somehow controlled or at least strongly influenced by an astrophysical factor, which varies in time in the same way at all points on the Earth...

The histograms, made from more than two days from four successive 12-hour-long series of measurements, show another typical phenomenon discovered by Shnoll: The shapes of the histograms change over time (Figure 2).



[Note: These histograms shouldn't be changing over time if radioactive decay is truly a random process, as quantum physicists believe. They should look like smooth, bell-shaped curves and should not have any of the bizarre spikes that we see. And yet, elsewhere Prof. Shnoll tells us that almost all scientists simply call this "noise in the data" and ignore it, since they have no reason to think otherwise.]

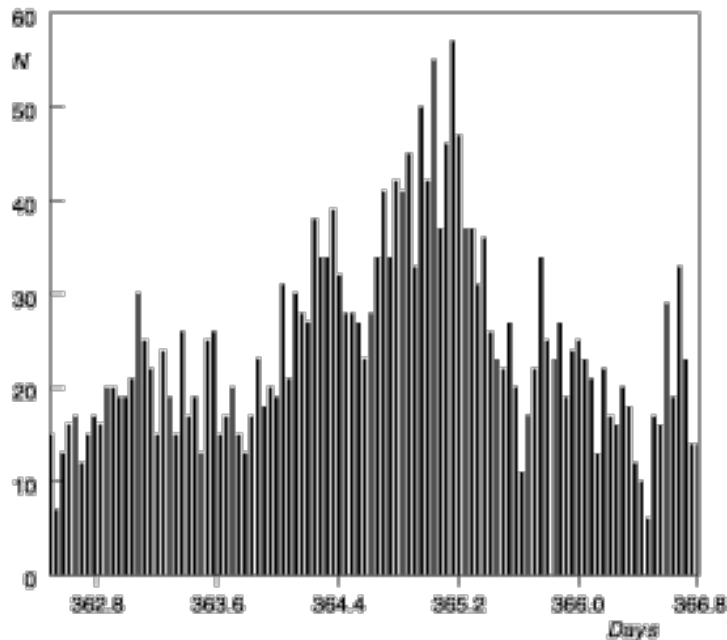
Most remarkably, the shapes of histograms for independent (and seemingly unrelated) measurements taken over the same time period, tend to be very similar.

For example, simultaneous measurement of the reaction rate of ascorbic acid, dichlorophenolindophenol (DCPIP), and beta activity of carbon-14 show histograms of very similar shape.

[Note: In other words, there is a similarity in the reaction rate of biological compounds, chemical compounds and radioactive decay, simply because the measurements were taken at the same moment in time. In the mainstream model, this shouldn't exist! The structured waves in the histograms above are supposed to be simply "noise in the data." We shouldn't be seeing identical "noise" in totally unrelated processes! Somehow, all physical matter on the Earth is responding in the same way to external movements. If we see only "empty space" as existing between the planets then we have no possible way to demonstrate this.]

These and a large number of other experiments carried out by Shnoll and his collaborators over many years, point unambiguously to the existence of a universal factor influencing the shapes of histograms, and which varies in

time. Furthermore, the Russian researchers have discovered well-defined periods, over which similar histogram shapes tend to recur (Figure 3).



To do this, they devised a computer-based algorithm for measuring the relative degree of “closeness” or similarity of histogram shapes, and on this basis carried out a computer analysis of hundreds of histograms taken over a long period. Examining the distribution of time intervals between “similar” histograms, they found strong peaks at 0 hours (that is, histograms made independently at the same time tend to be similar), at approximately 24 hours, at 27.28 days (probably corresponding to the synodic rotation of the Sun), and at three time intervals close to a year: 364.4, 365.2 and 366.6 days.

[Note: The “synodic” rotation of the Sun that they are associating this with is what occurs at its equator, which has been measured as being 26 days in length; so far this is their best guess as to what the 27.28-day period could be.]

More recent data, just reported to the author, indicate that the “24-hour” period is actually slightly shorter, and corresponds quite precisely to a sidereal day! The latter would suggest, that at least one astronomical factor influencing histogram shape may originate outside the solar system, being associated with the orientation of the measuring station relative to the galaxy, and not only relative to the Sun.

[Note: The sidereal day relates to the Earth’s “precession of the equinoxes,” which we covered thoroughly in *The Shift of the Ages* and will do so again in this book. This precession has now been clearly shown to relate to our position in the Galaxy, since it is a much longer-term cycle than most others that we have observed.]

And so, if we are willing to receive the hard facts, the conventional ideas of subatomic physics are in big trouble. Dr. Shnoll is clearly telling us that the movements of the planets create extremely precise energetic disturbances in space and time that affect every single atom, molecule and energy process in the surrounding area. If we look closely at the above histograms of these

various processes, we can see that they have “spikes” where none are expected. Most scientists throw away this data automatically as being unimportant; only Prof. Shnoll, after more than 30 years of research, had the insight to compare the actual diagrams to each other and see if he could find connections. He then saw that all biological, chemical and radioactive processes show the same minute energy changes in the histograms used to measure them at a given “point” in the time of Earth’s movement through the solar system and galaxy. Shnoll’s work “points unambiguously to a “universal factor... which varies in time.” The aether model, as we have specified it above, explains exactly what this universal factor is. There must be a medium in free space that is disturbed by celestial movements, and this same medium must also be responsible for creating the biological, chemical and atomic processes on a moment-by-moment basis.

3.4 STRUCTURED AETHER MOVEMENT IN THE STOCK MARKET

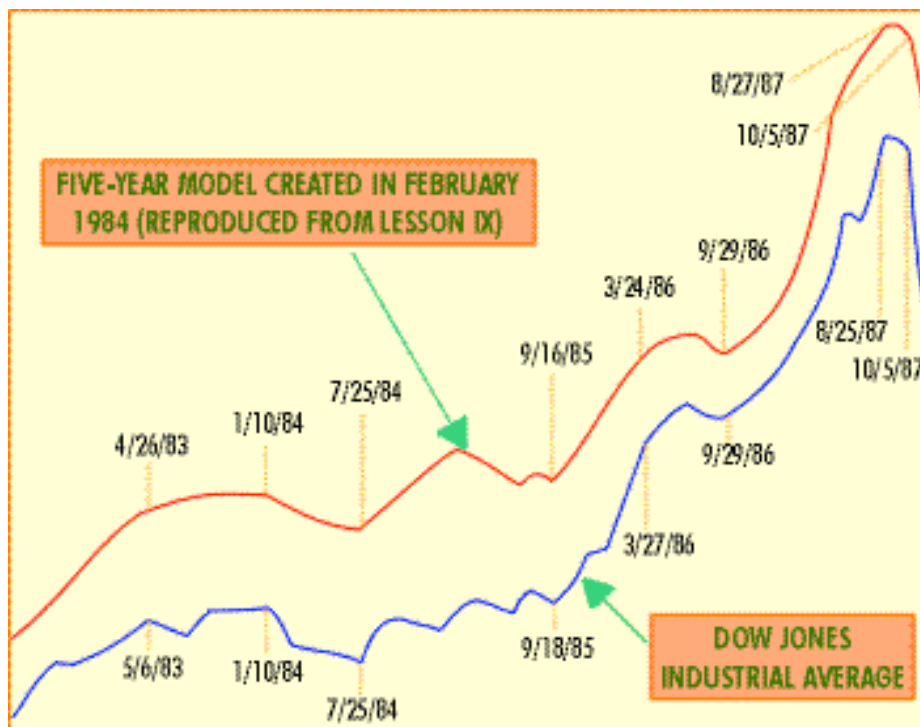
In the case of Shnoll, an unambiguous, body of research exists to show that simple correlations were able to be drawn between a “Universal Factor” that linked planetary movement with physical, chemical and biological processes. These effects cannot be denied; the data has been gathered over a thirty-year period and has now been released to the world in a major scientific publication. From this research, one basic challenge was answered; planetary movement is creating an effect on the quantum processes of our physical world. The implications of such a discovery are tremendous, and if you are just reading quickly through you might not stop and really think about how much this changes our view of the Universe. This certainly could be why free energy and “cold fusion” experiments have time-variable effects; they don’t always ‘work.’

However, if our model is correct, these planetary influences cannot simply stop with physical processes; they must affect human consciousness. In order to determine how this could be possible, we would need a simple way to measure the collective status of human consciousness; a form of data that has been collected very steadily, very carefully and unambiguously, for long periods of time. That simple “measuring rod” can be found in the movement of financial markets. The amount of data produced by such transactions each year is estimated to fill 24 CD-ROMs, which is a volume of information that most scientists would give anything to get their hands on if it were for their own studies. Plus, anyone who works in the Stock Market will tell you that it all runs on love and fear. When people are happy and confident, it rises, and when people are depressed and fearful, it plummets; hence the term “Great Depression.”

The work of Bradley Cowan, introduced in *The Shift of the Ages* and covered in greater detail later in Part Three of this book, shows us that:

The movement of financial markets, and hence collective human behavior, can be precisely modeled in advance by calculating the geometric interaction of various planetary cycles.

The following image on the “cycle-trader” website gets right to the core regarding how this is done, and it is at this link: [Cycle-Trader](#).



Some planetary cycles naturally increase the vibrational speed of aether surrounding the Earth, while others decrease it. By combining these cycles together, Cowan is able to form a very precise map of what the markets will do at any given time. This planetary model, seen in the upper line of the graph, was created in February 1984, solely through understanding the geometric structures of planetary cycle interactions. The model indicated how the markets were expected to behave over the next five years, based on the observations already in existence. The lower line on the graph revealed how these interactions actually moved on the Dow Jones Industrial Average.

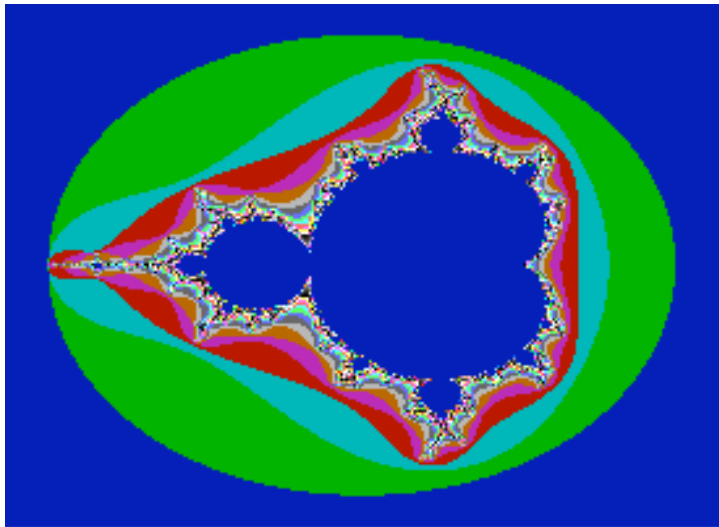
The skeptic will simply dismiss this out of hand, without bothering to check into it any further; and yet Cowan and other members of his group have continued to make very accurate predictions, one of which was posted in advance on the ascension2000.com website. We expected a worldwide low between Oct. 24th and Oct. 26th, 2000, and the low came precisely on Oct. 25th. Furthermore, the escalating downturn of the NASDAQ at the time of this writing (March 2001) can be precisely modeled by a graph of the DOW from 1929, simply moved 71.5 years into the future and advanced on the time axis at double the speed of the original graph; this has also been published in one of our online articles. So far, we are unaware of the titanic forces that shape and move our behavior in these ways, but that time may rapidly be coming to an end. Once we recognize what's going on, we may well be able to reassert our ability to make choices that will override these influences and "get off the merry-go-round."

On the cycle-trader website link above, Cowan analyzes each successive change in the market that is seen in this graph and how his model predicted it, including the giant crash in 1987. Part of the action of this graph is being created by the rotational action of simple three-dimensional geometric forms, created by vibrational disturbances from motion of the planets – and in later chapters we will introduce the information that associates geometry and vibration directly together. With this powerful knowledge at hand, a significant amount of the sport in making investments is eliminated, as the whims of

human behavior are already known in advance.

3.5 ORDER IN CHAOS

Furthermore, mainstream "Chaos" and "Complexity" theory has stumbled over this peculiar space-time behavior as well, but they do not yet have a model to truly explain why it works. In Chaos theory we see that even things as apparently random as weather patterns, stock market prices, the historical flooding of the Nile River, the presence of noise in telephone lines, the ebb and flow of animal populations and the arrhythmias of a diseased heart are harmonically organized in mysterious ways – and these same organizational principles are behind the formation of organic life and inorganic matter as well.



The "Mandelbrot Set."

Since most of science is quite reluctant to accept the existence of aetheric forces heretofore unseen in existing paradigms, the above findings of Shnoll, Cowan, Mandelbrot and others remain a mystery. However, with the aether models in this book we now have a workable energetic model that can explain all of these mysteries for us.

3.6 DON'T FORGET ASTROLOGY, LOCAL AND GALACTIC

And therefore, returning to Cowan's geometric structures in time and their effect on the stock market, if the very fundamental movement of aetheric energy that creates your body, mind and spirit moment by moment is rising and falling in predictable patterns as Prof. Shnoll has determined, then your behavior is likely to follow. We have already established the premise that "love" and "intelligence" is the tendency for aetheric energy to adopt a higher state of vibrational movement. This outside effect on the energy of consciousness also demonstrates why many great minds in history have discovered that the science of astrology works with such incredible precision. Indeed, the planetary motions in our Solar System affect the rise and fall of aetheric energies in very specific ways. And as the work of Prof. Shnoll has demonstrated,

Our relative position in the Galaxy has an effect on biological, chemical and radioactive processes as well.

3.7 PLANES OF EXISTENCE

As we wrote in *The Shift of the Ages*, ancient religions and mythologies, modern “psychic readings,” crop formations, ET messages and now scientific investigation have all converged on the idea that **our movement through the Galaxy is causing similar energetic effects on consciousness,** only on a much more pronounced level. Scientific data, once put in context, already shows us that these aetheric changes are far more dramatic than anything that we have seen in Cowan’s stock market analyses or in Prof. Shnoll’s chemical experiments. As we have said, an area of higher vibration is an area of greater love, harmony and intelligence. Consequently, when the evidence is stacked up, **we must be willing to consider that all of humanity is moving into a vibrational plane of greater love, harmony and intelligence. And this will literally amount to a “dimensional shift.”**

In order for the concept of “planes of existence” to have any definitive meaning to the skeptic or scientist, we must present data from established institutions that supports the notion of their existence. Although more and more of the “common people” are increasingly comfortable with these concepts, the skeptic will simply ask, “What other planes of existence? Hogwash. There is no scientific evidence that there are other planes of existence, higher, lower or otherwise.”

To deny that other planes of reality exist is to stand in clear ignorance of commonly available scientific knowledge being done by credible Ph.D.’s in various fields.

3.7.1 LUCID DREAMING

For example, Dr. Stephen LaBerge has conducted dream research at Stamford University Sleep Center for many years, and he has come up with surprising conclusions, featured in his books *Lucid Dreaming* and *Exploring the World of Lucid Dreaming*. Lucid dreaming is defined as “the ability to be awake and aware in dreams.” As Dr. Robert E. Ornstein, author of *The Psychology of Consciousness*, comments,

Stephen LaBerge has proven scientifically that people can be fully conscious in their dreams while remaining asleep and dreaming at the same time.

Simply put, our current theories about how the brain functions would say that lucid dreaming is impossible; our dream state is “subconscious” because the brainwave activity cannot support normal waking consciousness as we now understand it. At best, most psychology-based dream researchers would say that the dream state is “pseudo-conscious,” the result of the synapses firing haphazardly to transfer the most important information of the day into long-term memory. If the dream state wasn’t a “real” place that was somehow created outside of the brain, then it should be impossible for complete waking consciousness to exist there; all of our existing models of consciousness would fall apart.

And yet, Dr. LaBerge’s research shows that:

In a lucid dream, a person maintains thinking, analyzing and reasoning

properties, while interacting with an entire world of multisensory stimuli that is continually changing.

Furthermore,

As the participant moves through this multisensory world, rich symbolic imagery naturally takes place that will expose the most profound psychological issues that the person is facing in their life, and offer remarkably insightful solutions using the language of symbolism.

So now, we have a brain that is not exhibiting the normal signs of consciousness as science understands them; it is asleep, or “un – conscious.” We have a brain that is supposedly creating a world of intelligent symbolic / metaphorical information that the participant usually will not even understand, but nevertheless provides valuable psycho-spiritual data to the Ego mind. We also have a brain that is supposedly supporting normal conscious thought processes as it interacts with this intricate world. If our brains are truly capable of doing all this, then where do we find the neurological activity that demonstrates it? We don’t.

And while we’re there, let us also cite information from Lt. Col. Tom Bearden regarding certain cases of “hydrocephaly.” This is a condition where a very high percentage of a person’s brain is missing, and only water remains in its place. One would expect that these people, if alive at all, would be totally brain-dead. Although you’re not going to hear much about this in the scientific mainstream, **there are fully functional hydrocephalics walking on the Earth right now.** One man even earned a degree in mathematics from Cambridge University, and MRI scans of his skull cavity showed that only a tiny stump of nerve tissue existed directly above his spinal cord at the base of the skull. And all scientific researchers agree that each human being must physiologically go through several R.E.M. (rapid-eye movement) or dream states each night in order to stay alive; so our hydrocephalic mathematician would be included in that lot as well. **Somehow, the true process of consciousness in the human being is outside of the brain as we now know it;** the brain may be one place for such consciousness to exist, but ultimately all consciousness is a movement of aether. Somehow, the water in the skull cavity gives this movement a chance to register its vibrations to the body in a recognizable way.

Therefore, even as these lucid dreaming events demonstrate effects in the physical body, they can be proven to exist outside of typical neurological functioning in the brain; some people can have fully “normal” lives with nothing but water in their skull cavity. (It is important to point out that not all hydrocephalics are this fortunate.) Again, what **all this ultimately tells us is that human beings are fundamentally multi-dimensional creatures, and there are indeed other “planes of existence” that we can move into without the use of the physical brain.**

So again, what would we expect from a “higher plane of existence?” Remember that we said that as the vibrational motion of aetheric energy increases, love and intelligence increases as well. And indeed, **the experience of a lucid dream can be so profound as to reveal an entirely undiscovered new plateau of consciousness** – literally, a higher vibration, which many automatically feel to be a form of “heaven.” For one who has never

experienced this, the testimony of others is needed to explain it properly. Consider the following, from Dr. LaBerge's first book:

The impact resulting from the emergence of lucidity is probably proportional to the clarity and completeness of the dreamer's change of consciousness. There are degrees of lucidity, and the common experience of awakening from a nightmare after realizing it was "only a dream" is typical of the lower ranges (or why escape from what is "only a dream"?), and is usually accompanied by no greater feeling than relative relief. But the full-blown lucid dream, in which the dreamer stays in the dream for a period extended enough to allow the experience of wonder, can be associated with an electrifying sensation of rebirth and the discovery of a new world of experience.

First-time lucid dreamers are often overwhelmed by the realization that they have never before experienced their dreams with all their being, and now they are utterly awake in their sleep! This is how one lucid dreamer described the expanded sense of aliveness brought by the lightning flash of lucidity: he felt himself possessed of a sense of freedom "as never before"; the dream was suffused with such vital animation that "the darkness itself seemed alive." At this point, a thought presented itself with such undeniable force that he was driven to declare: "I have never been awake before."

Wilcock has personally used Dr. La Berge's MILD (Mnemonic Induction of Lucid Dreaming) technique for the last eleven years, with ongoing success. In the lucid dream or out-of-body state, you can literally do anything, go anywhere, fly, pass through solid objects, levitate objects of any size, create anything your heart desires and get powerful spiritual questions answered immediately in a very direct format. If you want to see yourself on the flight deck of a UFO, there you are – the possibilities are endless. The MILD technique is quite simple, once you discipline yourself enough to remember your dreams each morning. Dr. La Berge demonstrates that anyone can learn to do this. By making a consistent effort to write down "what was just happening to you" every morning when you wake up, and remaining motionless upon awakening while you recall the data, you can get consistent results. Here is the four-part MILD technique:

1

During the early morning, when you awaken spontaneously from a dream, go over the dream several times until you have memorized it.

2

Then, while lying in bed and returning to sleep, say to yourself, "Next time I'm dreaming, I want to remember to recognize that I'm dreaming."

3

Visualize yourself as being back in the dream just rehearsed; only this time, see yourself realizing that you are, in fact, dreaming.

4

Repeat steps two and three until you feel your intention is clearly fixed or you fall asleep.

So, any reader or researcher who is willing to put in the effort can verify it for themselves. Far from a "random firing of synapses" in the brain, Dr. LaBerge's

research suggests that the world of dreaming is far more “real” than we have given it credit for.

The next logical question from the skeptic might be, “Well, all this is fine and good. Anyone can say that they had a lucid dream, but they are just deluding themselves. There is no way to actually prove that someone is in the lucid dreaming state.”

Wrong again. Dr. LaBerge proved that lucid dreaming is a genuine phenomenon, happening in real time with the physical world. In order to make these discoveries, it was necessary for him to devise a way for his “oneironauts,” or dream voyagers, to signal to him that they were dreaming. After pondering this idea for quite some time, he realized that the eyes are the most mobile part of the body during the dream state; hence the state is referred to as “rapid-eye movement.” So, by training his oneironauts to simply move their eyes back-and-forth horizontally in their dreaming state when they had attained lucidity, they would form a movement in their physical body as well. By simple observation, this repetitive horizontal movement would signal to Dr. LaBerge that they have attained the state of lucid dreaming. By using this signaling effect and other simpler procedures, he was able to make the following correlations:

Our studies at Stanford cover considerable ground, showing the relationship between physiological changes in lucid dreamers’ bodies and a variety of actions carried out by their “dream” bodies within the dreams. Our investigations addressed a range of relationships: between estimated dream time and actual time (the time interval that a person signaled with eye movements as being ten seconds in a dream was the same as when awake - an average exact time of thirteen seconds;) between dream action - including eye movements, speech, and breathing - and corresponding muscle action; between dreamed singing and counting, and relative activation of the left and right cerebral hemispheres of the brain (since counting and singing activate the opposite hemispheres accordingly;) and between dreamed sexual activity and changes in a variety of genital and nongenital physiological measures.

And so, the proof is now available that dreams are “really real” and really have an effect on the physical body, and yet they exist somewhere outside of normal brain function as we now understand it; we are in “both places at the same time.” Even if our consciousness travels elsewhere, our bodies are still working together with those other levels. This is a far richer model than what mainstream science has conceded thus far, in many published studies. In the lucid dreaming state, there is an entirely new realm to explore with distinct properties all its own. **The degree of richness and variety of this realm is arguably far more sophisticated than the brain could create on its own,** and this brings us to our next point, which is very important:

Others are capable of entering into the same out-of-body realms and independently reporting the same experiences upon awakening, without talking to the other participants.

Wilcock discovered this for himself in a very dramatic way. While drifting off to sleep as a guest of his high-school friend Jude, he had a dreamlike experience of being chased by a menacing overweight person with long hair, an obvious symbolic representation of the parts of himself that he had not

fully accepted and integrated at the time, stemming from younger years where he was indeed overweight and wore long hair. As he ran, he had a gun in his belt and knew that he could use it to shoot his pursuer, and thereby save himself, but he was unwilling to stop the chase. Symbolically, the meaning of “shooting” this former self was the idea of allowing the personality traits and influences from that time of life to literally die out, so that they no longer would affect his thoughts and behaviors in the present. The difficulty that he felt with the shooting was a representation of how hard it is to “let go” of old attitudes and behavior patterns, such as depression, lack of self-esteem, irresponsibility and desire for rebellion.

Then, as Wilcock continued in this experience, in the bed next to him Jude started tossing and turning.

“Shoot him... Just shoot him. Two bullets,” Jude mumbled.

Needless to say, Wilcock had a very hard time going back to sleep after this!

3.7.2 OBE’S AND THE MONROE INSTITUTE

This parallel experience in higher “dreaming” realms of existence is a commonplace occurrence in the out-of-body research of Robert Monroe and the Monroe Institute, with numerous MD’s and Ph.D.’s on board as staff and directors to vouch for its validity. The Monroe technique involves stimulating the brain naturally through the use of opposing sound frequencies, where one ear hears a slightly different pitch than the other. The signal from each ear feeds into a different hemisphere of the brain. As the brain attempts to align the signals in the two hemispheres, this causes the synaptic impulses to enter into a “beat pattern”. Since the signals are not quite perfectly aligned, the brain will never be able to synthesize them together permanently, but it will be able to do so in set periods of time, over and over again. Those periodic moments of “hemispheric synchronization” automatically move the brainwave state into a variety of rhythmic states such as alpha, beta and delta, which mimic the brainwave states of advanced yogis and meditators. In the Monroe Institute’s Farsight Voyager course, groups of participants often report traveling to the same areas together and having the same experiences.

Arguably, the ultimate case of shared experience in the Farsight Voyager course can be found in Monroe’s book *Far Journeys*. It is a personal account from a female client, number 2312-CF, and we have shortened it considerably for the sake of brevity:

Then quite unexpectedly I was suddenly drawn by a powerful force to one room in particular – to one CHEC unit in particular. (Note: The CHEC units were where each participant was housed individually.) It took me by total surprise, for the man in that unit was someone I didn’t know very well. In fact, he was the only one at the workshop I had never really had a chance to talk to. He was a young, good-looking psychologist, yet for some reason we seemed to be purposefully avoiding each other.

All at once I had an all-knowing, as I seemed to float over him, that his vibrations were my vibrations. I had an overwhelming desire to meld, to feel a part of him – to become one...

I gave to him both my body and soul until there was this tremendous energy surge that rocked and exploded in us. It was an experience that is beyond words, for love, total and absolute, surrounded us more strongly than can be earthly experienced or imagined...

We talked in this state and I came to realize this experience could only have happened at the end of the workshop as it did, for each of us would have been distracted had we 'met' earlier on – perhaps hampering other growth experiences that week...

I truly experienced everything I asked for and more, and when I came down to the meeting room after the tape there was an unusual heightened energy where people seemed to be flying. I saw 'him' as I came down the stairs to join the group and he looked at me excitedly, ecstatically, as if something totally incredible had happened to him. I hadn't said a word yet, as he quietly repeated a number of times, 'Thank you. Thank you.' I felt elated – I had made contact. We compared our individual experiences, making sure each of us was not coloring the other's story. It didn't matter – our stories fit like puzzle pieces, matching perfectly and interlocking. We both had also had the use of all our senses – the strongest being touch.

After this experience we were later reunited to share others together. We've been with each other for the past two years now – growing and loving together.

In the book *Cosmic Voyage*, Dr. Courtney Brown reports an experience in the Farsight Voyager course where he saw a group of people, all holding hands, enter into a tunnel of energy together. Upon awakening, he realized that this is exactly what they had planned to do together before going in, and they had all experienced the same phenomenon. Furthermore, we remember that the Monroe tapes are used as a preliminary means of training for military remote viewers, then enabling them to travel out-of-body to distant locations and make accurate observations of what they see there. So, it should be obvious to us that this outer realm of consciousness is a genuine plane of existence and not simply a "mass hallucination," thus explaining how the group of people in Dr. Brown's experience could all end up sharing the same experience.

In the course of Monroe's three books, he outlines his own exploration of the various energy realms surrounding the Earth and beyond, including the intelligences that he interacted with along the way. In considering the information from Monroe, Dr. LaBerge and many others, we must accustom ourselves to the realization that there are indeed higher planes of existence, and that we can travel in them as easily as we travel in this one, once we have gone through the proper training.

Ultimately, if each "dimensional" level is simply a different frequency of one vibrating aether, then each "dimension" above our own must be filled with life which is far more loving, harmonious and intelligent than the level beneath it. This information is repeated in almost every form of mystical teaching in existence.

3.8 RECAP: THE BEAUTY OF THE AETHERIC MODEL

As we have already suggested, a revised version of the aetheric model will resolve many current paradoxes, and must ultimately replace the ideas that are now being used. In the last two chapters we have had a discussion about the concept of an 'aether' with the focus on a philosophy of consciousness that helps us explain the results from a broad number of scientific findings. We have reviewed the following key points:

- That zero-point energy or "aether" genuinely exists;
- That since consciousness exists, it must be a function of the Unified Field;
- That love is the tendency for entities within the Unified Field, whether human, "particle" or otherwise, to increasingly radiate Harmonic Unity, through vibrational motion;
- That love is a radiating, strengthening, unifying force, vibrationally moving towards the central point of Oneness; whereas hate, or the absence of love, is an absorbing, dis-integrating, weakening force, absorbing energy away from the central point of Oneness and compartmentalizing it;
- That the Backster Effect has demonstrated these concepts of aetheric vibration with plants, bacteria, yogurt, Planaria worms, human cells and more;
- That these principles can be demonstrated by **the connection between anger and cancer**;
- That the Maharishi Effect, levitation and psychokinesis demonstrate even greater movements of aetheric energy by consciousness;
- That Nina Kulagina was able to create all the basic electromagnetic forces by the sheer focus of consciousness, ideally in a loving environment;
- That energy measurements taken around objects being telekinetically moved by Alla Vinogradova detected field pulsations which were synchronous with her respiration rate, heartbeat, and brain alpha rhythm pattern;
- **That the level of love, consciousness or intelligence in a given area is directly measured by the vibrational speed of aether in that area**;
- That planetary and galactic interactions can cause changes in the vibration of aetheric energy;
- That we can expect that a set sequence of energy vibrations will radiate through our bodies, our planet and all energy and matter therein, depending on the relative position of our own planet to the "waves" that have been created by the others;
- That the structured histograms to chart different biological and atomic processes, including the radioactive decay of many different materials, are directly influenced by celestial movements such as the day, month and the year (Shnoll, 2000);
- That movement of financial markets, and hence collective human behavior, can be precisely modeled in advance by calculating the geometric interaction of various planetary cycles (Cowan, 2000);
- That our relative position in the Galaxy has an effect on biological, chemical and radioactive processes as well (Shnoll, 2000);
- That to deny that other planes of reality exist is to stand in clear ignorance of commonly available scientific knowledge, such as Dr. La Berge's data on lucid dreaming and The Monroe Institute's technology for inducing OBEs;
- That others are capable of entering into the same out-of-body realms and independently reporting the same experiences upon awakening;
- That ultimately, if each "dimensional" level is simply a different frequency of one vibrating aether, then each "dimension" above our own must be filled with life which is far more loving, harmonious and intelligent than the level beneath it.

Considering all these factors, we have a substantial new paradigm that can explain many various anomalies related to consciousness. Ultimately, we are given a very strong foundation upon which to build the central premise of this book: that we are moving through structured vibrations in the Galaxy that will create a significant enough change in aetheric density to cause a “dimensional shift” into a plane of existence that is currently higher than our own.

To some, this might seem like the end; but in fact, it is the beginning. Now that we have carefully established a conceptual framework that ties in these concepts to consciousness, we are ready to present the incontrovertible scientific evidence that the aether exists by showing how it can be harnessed with technology and understood scientifically, producing effects such as free energy and anti-gravity. As we go through these chapters, we will gradually reveal the signatures of vibration, either luminous, acoustic or geometric, in these workings. We will then explore the modern scientific data regarding “higher dimensions” and again reveal the numerous indications that such a harmonic or vibrational process is at work. Then, Part One of the book will conclude with excerpts from alleged extraterrestrial beings that will give us an unusually valuable insight into how these processes are most likely functioning. If you find yourself unable to follow the discussions regarding the new energy technologies and anti-gravity, don’t give up! By reading the “Recap” sections at the end of each chapter you can avail yourself of the main points that are being made and get through the sections that might not interest you. We recommend that if you do decide to do this, you should fully pick up the thread again in Chapter Seven.

CHAPTER 04: HARNESSING THE CONSCIOUS AETHER WITH GRAVITY AND INERTIA

CHAPTER 04: HARNESSING THE CONSCIOUS AETHER WITH GRAVITY AND INERTIA

4.1 A NEW MODEL OF GRAVITY

We have clearly examined the evidence that suggests that what we are dealing with is a universal, time-varying energy source that unifies all areas of “empty space” together as a Oneness. The work of Prof. Shnoll gives us incontrovertible evidence that a whole hidden dimension exists in the quantum field that we are completely unaware of, which shows that “all motion is relative” in ways that we had never before imagined. The studies with Nina Kulagina and Alla Vinogradova prove that human consciousness can directly create and / or affect all the known energy fields of science. Our thoughts will move through all of our cells even if they have been removed from our body and placed at a distance. For all of these phenomena to occur, there must be an aetheric energy, and this energy must stream into all physical matter in order to sustain its existence. So bearing that in mind, what exactly is gravity in this new model? How does it relate to the philosophy of Oneness and the “big picture?”

Our fundamental premise for this book is that **as human beings, we only have an illusion of being separate**; in reality, there is only one Supreme Being, one Consciousness, and we are very much like cells in this body – a body that is evolving. A number of different sources give us a metaphysical meaning for gravity, the most common being that gravity represents the tendency for all parts of the Creation to seek Oneness, to seek reunion with the Center. Furthermore, in the work of Dr. Walter Russell, a truly multi-talented artist, scientist, architect and musician, we have an enhancement on this concept for gravity. In the Russellian model, gravity again is the tendency for all objects in the Universe to seek the center, but he then goes on to say that once reaching that center, new matter and energy is radiated outward. As we progress, we will see definite experimental and observational evidence that this must be true; as one example that we will cover in later chapters, this could very well explain the observation of the phenomenon known as “sonoluminescence.” In this chapter, our focus will be on getting a true understanding of gravity and the closely related force of inertia, and also show how these forces can be harnessed to create anti-gravity propulsion technologies.

So begin by asking yourself this: if you have an object in an area with no air and zero gravity, do you expect to encounter resistance when you try to move the object through space? It’s empty space, right? There shouldn’t be any resistance in empty “vacuum” space, should there be?

4.2 NEWTON: PIONEER OF GRAVITY AND INERTIA

The answer to this question as well as our understanding of gravity came about from the work of Isaac Newton. Perhaps the ultimate cliché in all of science is the image of Newton sitting under a tree and discovering gravity when an apple fell down and hit him on the head. From this initial inspiration,

Newton composed a series of laws including gravitation and the “law of inertia,” which everyone remembers from their science classes as, “An object at rest tends to stay at rest, and an object in motion tends to stay in motion.” And that means that even in an airless vacuum without gravity, you will encounter a force that will cause you to have difficulty moving something through space!

So what exactly is that object moving through? In the conventional models it is simply a “force” and nothing more is discussed. Here, we will suggest that this force is caused by the energy of the universe. Therefore, if we consider the spiritual perspective of our living in One Ultimate Being, then we can see how this shows us that no matter where we go in the Universe, we are always moving through the energy “body” of that Being, drawing the energy of space along with us.

4.3 CENTRIFUGAL AND CENTRIPETAL FORCE

Specifically, inertia is the force that you see being used in the science fiction movies when a space station is constantly rotating to create artificial gravity. Thanks to the power of inertia, the rotation of any object will cause centrifugal force to form, which is what allows you to spin a bucket of water around your head in circles and have it never spill out. Centrifugal force will actively push away from the center of any object that is rotated, whereas centripetal force is created when the force presses towards the center of a given object or area. The centripetal force is most easily seen at the center of a whirlpool, where all force is pushing towards the center.

4.4 PRINCIPLE OF EQUIVALENCE

So, we all know that gravity is very strong, as there’s nothing we can do to resist it, but inertia doesn’t seem as powerful; we hardly ever notice it or pay attention to its existence. However, this is not the way it works! Anyone who studies this information will know that the basic equations for gravity and inertia work in exactly the same way. This means that if you have a given object, both gravity and inertia exert the same amount of force on the objects. Einstein discovered this and referred to it as the “Principle of Equivalence.” What that means to us is:

Somehow, the forces of gravity and inertia are married together, as though they were one and the same.

Although science should clearly have suspected that a new universal law was hiding in the Equivalence Principle, no one in the mainstream truly has a good explanation for it yet. However, before we look into that part of the puzzle, we must take a better look at the evolution of the theory of how gravity works, since the concepts have become more complex since Newton. And even though gravity has been radically reworked in relativity theory, the only change in the law of inertia since Newton is the Equivalence Principle, which simply says that “Gravity and inertia act the same,” without ever explaining why.

4.5 EINSTEIN'S GEOMETRIC MODEL OF GRAVITY

The scientific community essentially remained content with Newtonian physics

right up until the early 20th century, when Einstein created a radical new design for gravity. By postulating that all the universe is ultimately made of energy, not particles, he also created the rather bizarre-sounding idea that space and time are somehow fused together into a "fabric." On the face of it, this seems completely ridiculous to the average person, since we don't think of time as a tangible thing; it is simply a measurement, and depending on your mood, your subjective perception of time could be very different. When you're in love with someone, the clock could go "a mile a minute," but when you've got five minutes left at work on a Friday and you're watching the clock with anticipation, a minute can seem to take a lot longer – even the music on the radio could seem to get slower and more monotonous.

So how does time, something that to the human mind seems nothing more than a subjective perception of measurement, become a tangible "thing" that creates a fabric with space? We normally think of as simply being empty nothingness, certainly not part of a "fabric" that is married with time. It certainly isn't easy to think about, and that hasn't won Einstein a lot of friends in the arena of philosophy. However, most of the physics community agrees that the universe must work in this way; neither space nor time is "real" as a separate entity, but instead they move and flow together. Even more importantly, a majority of aetheric researchers will quickly and gleefully point out on their websites that Einstein later admitted that the existence of an "aether" was not only possible, it was a requirement for this theory of General Relativity to be correct. Obviously this is not a "popular" statement and most scientists will try to deny that he said it or make other types of excuses about it; remember that their favorite theories are at stake, and they will seemingly spare no expense to discredit the opposition.

4.5.1 CURVED SPACE

Now how does Einstein's space-time model equate with gravity, you ask? Einstein said that this space-time fabric curves inward around a planetary body, thus forcing any traveling object or energy force, including light, to be attracted by that body. The way that this is explained is generally to see this "fabric" as if it were a flat sheet of rubber that has been stretched out between four tacks. A mass such as a planet would be visualized on a much smaller scale as a marble that has been placed onto the sheet of rubber. The weight of the marble would cause the rubber to dip down into a funnel shape, and the more mass that the marble has, the deeper the funnel would be. Other objects of smaller mass would roll down into the funnel in the presence of the larger object.

By giving us this model, Einstein felt content with having come up with a solely geometric design for gravity. No longer did we need to hypothesize a "gravity force," if the simple geometric structure of the space-time fabric itself, which he believed was simply a form of energy, caused these events to happen. Simply traveling through space causes you to naturally move towards the object; the actual space around the object is, as he put it, "curved."

Although this is an excellent mathematical model that has been scientifically proven, up until now there was no clear-cut way to visualize it. Several problems immediately come to mind. First of all, we are puzzled by the idea of space as having substance, since "space" by its very definition is "empty." However, in the aetheric model we see that Einstein's bizarre idea of a "fabric"

in space now has a clear identity - the ZPE / aetheric energy. As we said, in later years Einstein himself admitted that the idea of an aether was indeed required for this "space fabric" to exist, even though he wouldn't be quick to call it that due to the scornful opinions of the mainstream scientific community.

The second significant problem in visualizing Einstein's gravity model is that any curvature of space-time would need to surround a spherical object in three dimensions, which would ultimately form a larger spherical field of energy that was "curving" into the object. In reality, the word "flowing" is far more precise than "curving," since we will suggest that this gravitational energy is constantly flowing into that planet! The typical "curved space" diagram is obviously incorrect because it tries to show this curvature as a flat sheet instead of modeling it in three dimensions.

4.5.2 GRAVITATIONAL LENSING

Even though the idea of spacetime being "flat" cannot be correct, the core idea of objects distorting the space around them is still a good one. Astronomers are quick to point out that there have been definite observations of "lensing" effects around stars, so that when one star passes behind another star, the gravity of the star in front can actually cause the light from the star behind to flow around it and become visible. And obviously, this is called "lensing" because it appears as though the gravity of the object in front is acting just like a lens that reflects light. This surprising observation has been noted and photographed many times, and in some cases the light from the reflected star actually emerges in a semi-halo around the star in front, creating as many as four different images of the star behind, spaced symmetrically around the star in front. This is about as much proof as any good scientist needs, and yet there is still a given segment of the alternative science crew that tries to dismiss these observations and completely disagrees with Einstein's new model of gravity.

By looking at the phenomenon of lensing, we can see that there is good reason to have faith in the basic concept that mass causes a distortion of the space around it. In the aether models, this has a much deeper meaning than in conventional thought. Remember that at the beginning of this chapter, we suggested that gravity is not a "sucking" action coming from any given object, but rather it is the principle by which all matter in the Universe seeks the Center, or Oneness. The basic philosophy states that the entire Universe is one being that is constantly evolving, and gravity is another way in which that being is growing; it is constantly striving to reconnect, to gather to Center, to strive once more towards Oneness. Though some people might feel this is wishy-washy and overly religious-sounding, the Law of One series illustrates this as a good metaphor of how a **fundamentally conscious "ultimate being" manifests its own desire for Unity.**

4.6 ZERO-POINT ENERGY: THE FLOW OF MATTER

As we said in Chapter Two, Dr. Hal Puthoff suggested that all parts of an atom would need to draw off of "zero-point energy" in order to sustain the atom's existence. And since all objects in our Universe are made of atoms and molecules, then:

All objects in our Universe, regardless of their size, are consistently drawing in aetheric energy to sustain their existence.

Without this ongoing influx of energy to support themselves, they would shed heat and dissolve back into aether.

So what happens when you have objects of different sizes?

The larger an object is, the more aether will stream into it to sustain its existence.

This creates a force on other objects, since aether is streaming into them as well.

So, the aether could be thought of philosophically as the energetic "blood" of the Universal Being. Planets, stars and galaxies could be thought of as organs in its body, and they are constantly being refreshed by new life-force on a moment-to-moment basis. This aetheric force, flowing in and out, is the father and mother energy of all matter, the very essence of life itself. This movement can be referred to in spiritual literature, both ancient and modern, as the "breath of life," the "breath of the Divine" or the "breath of the compassionate." And in Part Two, we will find out that observational evidence, gathered from the South Pole during the 24-hour days of sunlight at winter solstice, has proven that the surface of the Sun is continually heaving in and out in set rhythmic patterns, just as this model suggests! Neither the Newtonian nor the Einsteinian models of gravity would be able to account for this un-anticipated movement, which intuitively makes the Sun feel much more like a living, breathing form of consciousness in its own right.

4.7 CELESTIAL MASS AS AN "AETHER SINK"

So, based on the concept that we have set forth, any object of matter in the Universe, such as the Earth, becomes akin to an "aether sink," where the energy of the aether is constantly flowing into it from all directions equally. Gravity, far from being a force of attraction, is actually created by the pressure of the "aether wind" as it continues to flow into the Earth from all directions moment by moment, pushing down or "curving in" all objects equally from the space around it. Obviously, this is not the model of gravity that will be taught in modern universities, but it nevertheless fits better with the overall picture. We remember that the gravity equations do not specify which direction the force needs to be coming from; they work just the same if gravity is a movement of force towards the center of an object as they do if it is a 'sucking' force that reaches from the inside of an object outwards. Thus, there is no evidence within Newton's laws that a skeptic can use to disprove this idea; it is simply a different interpretation than the one that is currently popular.

So, the Earth is a very large body, and therefore a very large amount of aether must flow into it moment by moment to sustain its existence. And since all matter is made of aether, a smaller object will invariably be caught up in the energy that streams into a larger object. If you were to accidentally fall into a raging river, the mass of your body would be little match for the much larger mass of water that you were now moving with.

If we apply this analogy of a powerful river into an aetheric model in space, we have an easy method of actually visualizing this aetheric energy flow. When we view gravity in this fashion, we are all like mosquitoes that get stuck on a screen door as the air blows through it; the ground halts our downward motion, while the aether slips through the earth's surface and continues to flow directly into the center, recreating every atom every moment. And in Richard Pasichnyk's book *The Vital Vastness*, he reports on experiments that have proven that once you drill more than 2700 kilometers below the Earth's surface, a threshold is reached where the force of Earth's gravity suddenly begins decreasing rapidly... and by the time you get to the center it's theorized that there would be no gravitational force at all. This is due to the fact that after the force of gravity rushes into the center, a part of it rushes back out of the center and thus counteracts the force of gravity. The depth of 2700 kilometers is the point where this outward movement is neutralized. In deep mines and boreholes, the strength of gravity is measurably different.

4.8 GRAVITATIONAL ACCELERATION "CONSTANT" EXPLAINED

Another "mystery" of gravity is that all objects fall at exactly the same rate, accelerating at either ten meters per second squared or thirty-two feet per second squared, depending on whether you use metric or English measuring systems. This is another scientific fact that is easily overlooked as being unimportant. Most people will get caught at least once by the question, "Which weighs more, a pound of lead or a pound of feathers?" Former NASA consultant Richard C. Hoagland designed an experiment that was performed by the Apollo astronauts on the Moon, where a feather and a stone were dropped at the same time. Since there was no atmosphere to disturb the falling movement of the feather, they both traveled to the ground at exactly the same speed, just as the model had predicted.

At first, it might not seem that this is possible, since this concept forces us to admit that the mass of an object has no bearing on how fast it falls to the Earth. However, the new aether theory explains that the size of the object will not change its gravitational acceleration speed because the effect is being caused by the flux (or flow) of aether instreaming into the earth, not the weight of the object itself. In other words, the speed of Gravity is only the speed of the flow of aether, and this has nothing to do with the size of the falling object, since all instreaming Earth energy will travel at the same speed. If we think back to our analogy of a raging river, two floating objects will travel on the surface of that river at the same speed, even though they are of different sizes. The mass of the river is so much greater than the mass of the objects that the objects' masses have no effect on how fast they travel.

4.9 OBJECTS CAN ABSORB OR RADIATE ENERGY AND CHANGE THEIR MASS

Another one of Einstein's most confusing postulates is that mass will continue to increase more and more as you approach the speed of light. Again, most people have heard of this concept since it is frequently used to "debunk" the idea that UFOs could really exist; in Einstein's model they would become infinitely massive as they approached the speed of light. Although we will have a lot more to say about this issue in future chapters when we discuss the true meaning of the speed of light, for now we will just focus on the core concept, which is the idea that when an object moves more quickly through space, its mass increases. Conventionally, our scientists don't understand how

or why this is occurring, but in the aetheric model it is plainly obvious. When we move an object through "space," we are actually moving it through the aether. And that aether is a fluidlike substance that actually creates the object moment-by-moment. Therefore, if we see a given object as being like a dry sponge, then when we move that object through the "river" of aether, it will absorb more energy and thus increase its mass.

Now in the Einsteinian model, this is usually only seen as a one-way system: an object moves faster, its mass increases, and then you must deal with the consequences of a larger mass. This doesn't necessarily mean that the size of the object would increase, just the density of it. However, if an object's mass can expand this way in Einstein's model by moving it faster, then would it also deflate its mass as it slows back down, like a balloon releasing the extra air that was once put into it? No scientist has proven or disproven that this would be true, but it poses an interesting question; if the aether model is indeed correct, then:

An object's mass is a measurement that is capable of changing, depending on how it moves through the aether.

This might not seem possible at first, but it can be visualized easily with the idea that the atoms and molecules are composed of electromagnetic fields that could absorb and release the fluid "pressure" of aether energy. In a natural state of rest, any object would automatically reach a balance between the pressure of energy inside of itself and the pressure of energy on the outside, as the energy would be continually flowing in and out at an even speed. However, if some of the energy pressure was radiated away from the inside of the object, then during that time it would weigh less. We will explain how to make the energy radiate away like this in just a moment. For now, we also need to see that once we did this, a pressure imbalance would be created in the object similar to a vacuum.

As we know in the case of our atmosphere, once a vacuum is created in the air, the surrounding air pressure will cause new air to immediately rush back in. This is easily seen in the case of a thunderstorm. First, a bolt of lightning causes an area of the atmosphere to be instantly vaporized, and this forms a vacuum. Then, the surrounding air will immediately rush into that vacuum, and we hear a clap of thunder as the waves of air crash into each other. So, in the case of an object radiating away its energy pressure and forming an "aether vacuum" inside of itself, we know that the only way we could keep the anti-gravity effect working would be if the object was being forced to continually radiate away its energy on a constant basis. Otherwise, it would immediately fill its own "energy vacuum" with new energy and its weight would return to normal.

So how, then, do we get an object to radiate away some of the pressure of energy inside of itself?

We rotate the object.

4.10 ROTATION AND CENTRIFUGAL FORCE

As soon as we rotate the object, centrifugal force kicks in – the same force that would allow us to spin pails of water in circles around our heads without

losing any water, if we did it fast enough. And as we are about to see with the DePalma Spinning Ball Experiment and others in the next chapter, many scientists have accurately measured slight decreases in the mass of an object when it is rotating. Normally, since this effect is so small, it is only interpreted as an error in the data if it is even noticed at all. So, once again,

Centrifugal force causes energy (mass) to fly away from the center, through rotation.

Hence, if you only move an object in one direction through the aether, then like a dry sponge it will soak up more energy into itself. But if you rotate the object, centrifugal force causes the energy in the object to spray outwards. If you've ever tried to use a blender or a coffee grinder without putting the lid on top, then you know that when those blades start spinning, whatever you've put inside that machine will very quickly be all over you, the wall and everything else in the room! This is the power of centrifugal force to cause any type of substance, either matter or energy, to radiate away from its center.

4.11 INERTIA AND ANTI-GRAVITY

So, how does this concept relate to anti-gravity? First, we must remember what our new definition of gravity really is. All measurements that we could ever make on Earth are occurring within this 'river' of aether, the very breath and lifeblood of Mother Earth. No matter where our anti-gravity laboratory is located on this planet, the aether in and around it will not "hold still" for us – it will continually be moving downwards. The gravitational mass of an object is simply caused by the aether that "blows" it down towards the center of the Earth.

So, the basic concept is that if you can rotate an object at a high enough number of revolutions per minute, you should be able to cause it to radiate away some of the aether force that would normally be pushing it down. By radiating the downward pressure of gravity out to the sides, its weight, or mass, could lower. Remember that if the earth has a constant stream of aether flowing into it, so does all other matter to a lesser degree. Rotation simply radiates the energy streaming into an object away from its typical downward gravitational motion. (Later in the book we will see that very precise sound vibrations can cause an object to vibrate violently and radiate energy away from itself as well, thus lowering its mass in a similar fashion.)

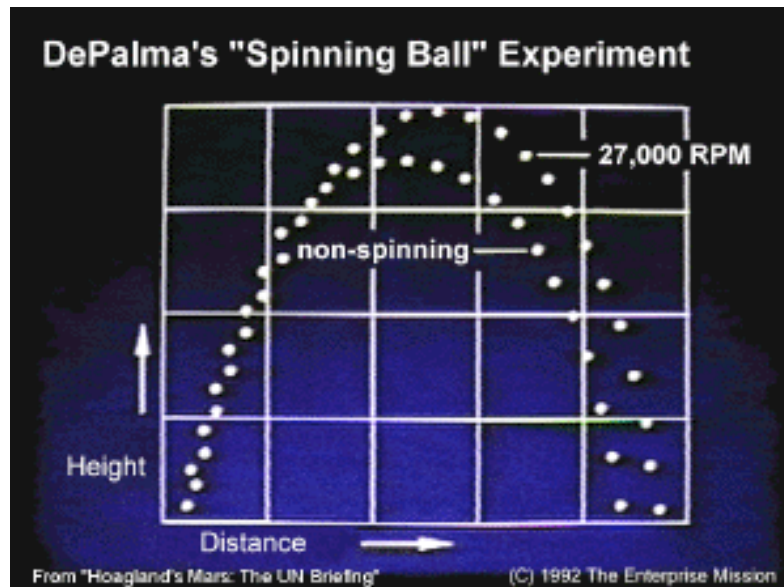
4.11.1 DEPALMA'S SPINNING BALL DROP EXPERIMENT

Again, to use a metaphor that involves flowing water, this principle of defying gravity is just as simple as taking a water hose that is pointing downwards and bending it so that the water flows out to the side instead. "Sideways" is not normally considered to be a gravitational motion, but it clearly does have a force, like when you are riding on a rollercoaster and feel pressure against your chest. This "sideways" force is inertia! Dr. Bruce DePalma, a non-conforming MIT graduate, demonstrated this principle with an extremely simple experiment.

First, he would release two balls from two catapults side-by-side at an equal angle, and have the catapults put an equal amount of force on each ball. The

only difference would be that one ball would be spinning at the terrific speed of 27,000 RPM, and the other ball wouldn't be spinning at all. In a complete vacuum, he would observe the trajectories of the two balls and see whether anything changed; their height, their angle, their speed of travel. And in so doing, DePalma discovered the impossible:

In defiance of all known physical laws, the spinning ball actually traveled higher, fell faster and moved farther than its non-spinning counterpart.



And as a side note, since skeptics are quick to ascribe all this to a principle caused by the atmosphere, we are reminded that it works just as well in a vacuum. The only choice that would remain is to attack the experiment itself, but as we go along we shall see that others have replicated this effect in many ways.

4.12 INERTIA IS AETHERIC FORCE

And so, we can see that aether exerts force upon matter, such as in the case of gravity, and this force can actually be tinkered with. Therefore, it should be no surprise that Dr. Hal Puthoff and others have made the radical suggestion that the existence of aether or zero-point energy in space is the real reason for why inertia exists. In an article published in the scientific journal MERCURY by B. Haisch and A. Rueda that discusses Dr. Puthoff's research, we see the following:

"...inertia is an electromagnetic force that switches on whenever an object accelerates through space... In our theory, inertia does depend on... an electromagnetic field (of aether) that pervades the cosmos."

4.13 FREE ENERGY AND MORE

As we shall see, this new information is vital to overcoming gravity and harnessing this "energy of the vacuum" to provide limitless free energy without cost. And time and time again, the efforts of those such as Nicola Tesla have provided this fruit, and it has been vigorously stamped out by the elite, who simply ask: "And where will the meters be on each house when we hook up this new energy supply?" When they find out that there is no profit margin in a limitless energy system, they see their wealth flash before their

eyes and the researcher is silenced or even killed, as is most likely the case with Dr. Bruce DePalma, who died young and unexpectedly in 1998. Tesla's career was completely ruined by JP Morgan in the latter years of his life and his work classified, while Edison took all the credit and remuneration for Tesla's innovations such as alternating current, which powers every electric outlet in the home.

And so, operational gravity-defying craft such as the Searl Levity Disc and free energy machines such as DePalma's N-Machine have already been built on these principles, as we shall see. As we described above with DePalma's Spinning Ball Drop experiment, perhaps the most useful relationship between gravity and aether is seen in rotation.

In the next chapter we will see a new concept of magnetism that gives us yet another way to harness the aether flow directly. Magnetism and electricity are very close cousins, enough so that they are defined by modern physics as being the same field - i.e. electro-magnetism. And when we combine magnetism with rotation, such as by magnetizing a gyroscope and hooking it up to draw electric current from it as DePalma has done, you can create anti-gravity and free energy at the same time! The generation of "free" electricity from this one-piece "rotating magnet" concept was discovered by Michael Faraday all the way back on Dec. 26, 1831, even though most physicists would deem it impossible.

4.14 RECAP

4.1 Gravity is the tendency for all energy in the Universe to move towards the Center. Once reaching this center point, energy is re-radiated away from the center as light, heat and matter.

4.2 Even in an airless vacuum without gravity, you will encounter a force that will cause you to have difficulty moving something through space. This is known as "inertia."

4.3 Centrifugal force will actively push away from the center of any object that is rotated.

4.4 Gravity and inertia obey the Principle of Equivalence; they both exert the exact same degree of force on matter.

4.5 Einstein modeled gravity as a function of geometry.

4.5.1 Einstein saw the space-time fabric as curving. However, it is more convenient to see this geometry as a three-dimensional flow of energy streaming into the object.

4.5.2 The "curvature" of space around a celestial object causes "gravitational lensing" to occur, where the light from a star behind it will curve around and become visible.

4.6 All objects in our Universe, regardless of their size, are consistently drawing in aetheric energy to sustain their existence. Without this ongoing influx of energy to support themselves, they would shed heat and dissolve back into aether. The larger an object is, the more aether will stream into it to

sustain its existence. This creates a force on other objects, since aether is streaming into them as well. The "breathing" movement of the Sun displays this flow of energy in action.

4.7 The equations for gravity do not specify which direction the energy must be moving in. The idea that energy is moving down into the Earth as gravity and then radiating away from the core is supported by the finding that weight rapidly begins decreasing once we drill more than 2,700 kilometers beneath the Earth's surface.

4.8 All objects move at the same speed under the influence of gravity because they are "caught up" in the much more massive "river" of energy that is flowing into the Earth every moment.

4.9 Einstein proved that when an object moves more quickly through space, its mass increases. This is actually an increase of "pressure" of aether inside the object. Similarly, if the object slows back down, we expect that its mass would decrease in due course, as the pressure of movement would be relieved. It is also possible to create a "vacuum" of energy in an object, thereby lowering its mass.

4.10 Rotation of an object causes its aetheric energy pressure to "spray" outwards, thus decreasing the object's mass.

4.11 Rotation of an object can deflect the natural downward movement of aetheric energy out to the sides of the object and "redirect" gravity in a sideways direction, to a degree.

4.11.1 Dr. Bruce DePalma showed that simply rotating a steel ball and launching it off of a catapult through space will cause it to move faster, fly higher and travel longer than a non-moving ball. The effect works just as well in an airless vacuum.

4.12 Dr. Hal Puthoff said that "inertia is an electromagnetic force that switches on when you move an object through space."

4.13 These effects can be used to create anti-gravity and free energy at the same time.

CHAPTER 05: AETHER, ELECTROMAGNETISM AND FREE ENERGY

CHAPTER 05: AETHER, ELECTROMAGNETISM AND FREE ENERGY

5.1 CONSCIOUSNESS

As we look over the theories of aether, we find ourselves confronted with a direct spiritual fact: as was said in the Christian Bible, we live in and move through the body of God at all times. In Chapter Two we saw the clear evidence that the aether is directly connected to consciousness, through findings such as the Backster Effect, the Maharishi effect and the telekinetic experiments with Nina Kulagina and others. In Chapter Three we learned of Prof. Shnoll's studies proving a clear causative relationship between planetary movements and atomic processes – and this was extended to consciousness as well by Cowan's studies of the effect of planetary movements on financial market movements.

With the new information that we have about the nature of atomic structure, our conventional scientific views seem to be completely inadequate. The only choice that remains for us at this time is to either resist the new information and refuse to acknowledge it, or make some difficult amendments to our most prized paradigms. And now our scientific ignorance is further exposed by the simple and yet completely new concepts of aether, gravity, inertia and centrifugal force. Without a doubt, Dr. Bruce DePalma's "Spinning Ball Drop" experiment simply could not be possible unless an object was capable of storing and releasing aetheric / electromagnetic energy within its atomic structure, and interacting with the force of inertia and gravity as it moves through space. Space and matter are fundamentally identical; they simply represent different, interchangeable phases of one unified, vibrating energy source.

With our new realizations about the connection between this same aether and the forces of gravity and inertia, we are truly beginning to see that there is no way for science to slice and dice up the universe into a set of impersonal laws. Ultimately, the force of gravity is the tendency for this Ultimate Being to seek Oneness within itself, and the force of inertia is the natural energetic resistance that we experience as we move through the body of this Ultimate Being. When all is ultimately a Unified Field of energy, and that energy is ultimately conscious, then we are all part of this vast, interconnected Oneness. Love, instead of being a vague esoteric concept, becomes simply the tendency for the aether to vibrate in greater harmony with Unity.

Part Two of this book will begin with a full-scale expose' of the problems in the quantum model, and effectively wipe out the idea that our universe is composed of impersonal "particles." But before we get to the larger discussions in this book, we wish to make a complete case for the existence of the aether, so that the reader is fully educated about its behavior as it relates to science and technology. So, even though our full treatment of quantum mechanics is still forthcoming, we will introduce certain concepts now since they will assist us in our discussion.

5.2 VIRTUAL PARTICLES

Any quantum physicist will now tell you that "virtual particles" have been discovered for all of the fundamental components of the atom- protons, neutrons and electrons. What "virtual" means is that they have concluded that even though these "particles" appear to be precisely the same as normal atomic components, they are not connected to any atom and they wink into and out of existence in very short periods of time! Even though this is a highly unusual discovery, they continue to see this simply as a function of particles. We have a "Big Bang" where Nothing exploded to become Something, and we now have all these particles scattered about to form the Universe, slowly running themselves down into "heat-death" extinction through the law of entropy, which states that everything must die: all order must dissolve into disorder. But now, when you introduce virtual particles in the mix, we also have to see particles that are appearing and disappearing moment by moment! Where do such particles exist when they are not a part of our "three-dimensional" universe? Would this not be the reverse of entropy? This is certainly not a popular question to ask in the mainstream scientific world, which continues to humanize the Universe with our own issues. Since the destruction of the earth has become poignantly visible over the last century, it was natural for scientists to assert that the whole Universe was also slipping into inexorable decay. Fundamentally, it is a model without a Supreme Being of any kind – we are all stardust from a giant explosion that is now fizzling out like a spent bottle-rocket.

So how did the idea of virtual particles get established? As a preview of our discussions in Part Two, we know that one of the two ways that we measure the quantum realm is with "magnetic particle tracking." An excited burst of energy is entered into a chamber filled with a medium such as fluid or smoke that is illuminated, and the medium in the chamber allows an observer to see the track that the energy makes as it travels. By introducing a magnetic field into the area that is being measured, the energy will naturally travel in a curve, since we have long known that magnetic fields are always rotating and interacting with quantum energies. Based on the observation of the different kinds of tracks and how they behave, a set series of rules have been applied that allow these spiraling tracks to be interpreted as representing "protons," "neutrons", "electrons," "quarks" or otherwise. So far, so good, it would appear.

As the quantum physicists studied these tracks in closer detail, they realized that these tracks were not simply moving in smooth curving lines; very minor movements were occurring that caused the tracks to slightly bump back and forth as they moved. When they analyzed the areas where the "bumps" occurred, they found that these "bumps" followed the same rules that they applied for "particles:" protons, neutrons, electrons, et cetera. And now we have a problem: these "bumps" only occurred for very brief moments of time, even though they were happening constantly. So, since their model interpreted these movements as the behavior of "particles," but their effects were only visible for extremely short periods of time, they concluded that these were "virtual particles." In other words, they still insist that we must have particles, only now these particles are appearing and disappearing in our existence on a constant basis!

So in the mind of the modern quantum physicist, you could be studying "empty space," have a proton suddenly show up and a few nanoseconds later

it will disappear again. And these are not mere random oddities, either – we are talking about something that is happening constantly, everywhere we look, with an almost feverish intensity. This is definitely strange, and has certainly created even more problems for the contemporary quantum physicists to work with, based on the models that are now in place. If you still believe that there are “particles” in the Universe, then how do you explain a sea of particles that can simply be there one minute and gone the next? If the universe is simply composed of dead, 'empty' space, then where did these particles come from? Dr. Hal Puthoff explains that this bizarre behavior is due to the nature of the aether or "virtual particle flux" itself – the so-called “particles” are indeed emerging from the "energy of the vacuum."

In a very simplified model of the aether as a fluid, virtual particles could also be seen as being created from a fluid-type medium like water. Whereas an electron, proton or neutron may be seen as a stable, spherical, donut-shaped "whirlpool" in this flowing medium, such as our previous example in Chapter One involving a river, a virtual particle would simply represent a whirlpool that came and went very quickly - similar to how the ocean is constantly rolling and frothing at the surface. And thus it is the existence of virtual particles that gave birth to the concept of a "seething cauldron" or "raging sea" of energy. When we get into Part Two we will have a more complete explanation of quantum energy processes, but for now this is close enough to the aether model to allow us to continue the discussion.

5.3 THE CASIMIR FORCE

The discovery of a "virtual particle flux" helps to explain the peculiarities of the "Casimir effect." This effect is demonstrated by the following experiment. First, you simply start the Faraday cage, which we remember as being an area that is shielded from all conventional energy fields, and you introduce a complete vacuum inside. Then, inside that area you take two perfectly flat metallic plates and move them very, very close to each other. What do you think would happen? Nothing? We are quick to conclude that this simple experiment shouldn't “do” anything, since we have examples of flat surfaces touching each other all around us. Why should it be any different if the surfaces are almost microscopically flat and contained in an airless space with no conventional force fields in it? Our intuition will not serve us well when we begin considering this problem, as there is indeed a very real and very powerful effect that takes place.

Under these circumstances, when the two plates are moved together, they will experience a terrific attraction that seems to pull them together with a tremendous amount of force! This is what is known as the "Casimir Force," named after the man who discovered it. This experimental effect also revealed that if you actually allow the two plates to completely merge, the force that binds them together is so powerful that you literally have to destroy them to get them back apart. Now think about that for a minute; how would one explain a force that could "suck" two plates together? What would happen if every time you used your car, your shoes would get stuck to the pedals and you couldn't get them off? Driving would be a very dangerous proposition, especially if you were using a standard shift. That is a rough analogy of what is happening in this experiment, except that in the car there is no vacuum of air and energy and the surfaces of your shoe and the pedal are not flat enough to create the effect.

Now something this simple should have already gotten more attention, and not be such an obscure tidbit of modern science. Most likely, it is not popular because it is a total anomaly that is very difficult to understand or explain with our current scientific models. In order for us to truly understand what is occurring, we will take a similar analogy cited by Ross Tessien, who asks us to visualize a suction cup. Ask yourself this question: What makes the suction cup attach to the surface? Most people would answer by saying that the cup will stick to a flat surface because it is "sucking" the material and thus attaching itself like glue. Sounds good, right?

However, it is totally the opposite! It is outside pressure and not suction that is responsible for this. Once you push a suction cup onto a flat surface, the edges will make a perfect seal over the surface that does not allow any air to get underneath. Once this seal is firmly established, you still have ten pounds per square inch of air pressure that is pushing down from the outside. So, it is actually the air pressure that is pushing the cup down, since there is now no air left on the inside to push against the cup in the opposite direction.

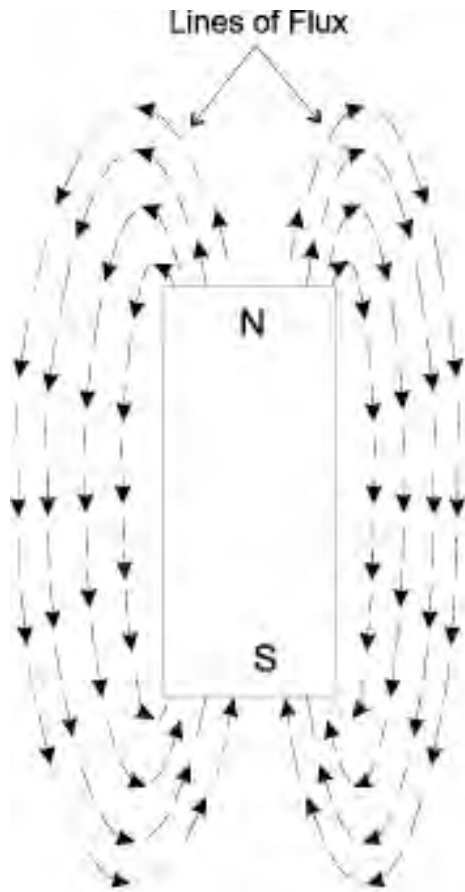
In zero-point energy theory, it is now believed that the Casimir force works in exactly the same way. This force is created when the distance between the plates becomes so narrow that no "virtual particles" or aetheric energies are able to fit between them. So, there is no "sucking" going on at all; in fact it is a complete absence of energy that exists between the plates, aetheric or otherwise. And so, a form of "aether vacuum" is formed between the two plates, where no aether can flow inside the crack. Then, the surrounding "virtual particle flux" or aether pressure pushes the plates together from the outside! In Dr. Puthoff's model, this pressure is believed to be caused by the "virtual particles" themselves, as they will continually emerge from the zero-point energy long enough to exert a constant force upon the plates, thus pushing them together. Either way, it all comes back to a fundamentally aetheric design, and no other model seems to adequately explain why this incredibly powerful Casimir effect would occur.

Bearing this in mind, we are continuing to see how the background aetheric energy plays a role in the world that we can observe. The Casimir effect reveals to us exactly how much pressure the aether is truly exerting on us. And yet, since Dr. Puthoff and most other theorists believe that it always "cancels out" to zero, we can never detect any major changes in the world around us. Just like the fishes in the sea, we end up saying, "Water? What water?" Indeed, think about this: do you ever stop and consider the fact that the atmosphere is putting ten pounds of pressure on every square inch of your body all the time? The pressures of the aether would be far greater, but normally speaking, they are undetectable. The force of inertia is only a vague reminder of how much pressure truly exists, when we consider the amount of energetic activity that is occurring at the quantum level.

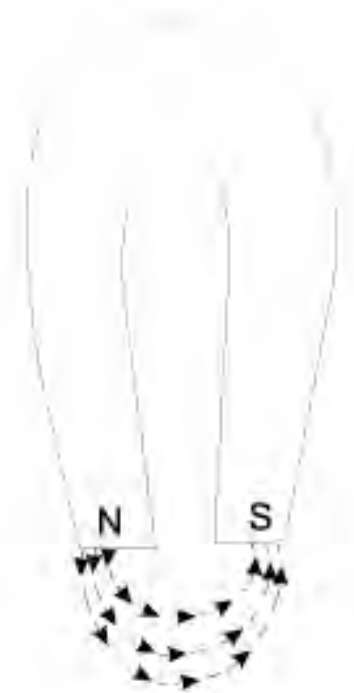
So where do we find all this tremendous aetheric pressure, if it truly exists? Do we need to play around with metal plates and subatomic particles to see it, or do we have more familiar examples? As we continue to look at all aspects of aetheric science, magnetism ends up becoming one of the most interesting properties of all. In contemporary theory it is always fused together with the electrostatic force that creates electricity, but we can demonstrate that it is clearly a very different animal – and in Chapter 18 we will see that it has a

very straightforward and yet undiscovered geometric identity. So here, we will cover the properties of magnetism, as ultimately they are very important in understanding the reality of the conscious aether and how it functions in our universe. If we want to understand this Ultimate Being, we must look at what our scientific findings have taught us, and assimilate that new information into our design. It is very simple for us to hear certain terms that have been defined scientifically and automatically separate them from any conceptualization of God – but if God truly exists, then all aspects of our Universe must be a part of this Being.

5.4 MAGNETISM AND ELECTRICITY



Bar Magnet



Horseshoe Magnet

[Note: This diagram and others culled from Rockwell International's Reliance Electric website.]

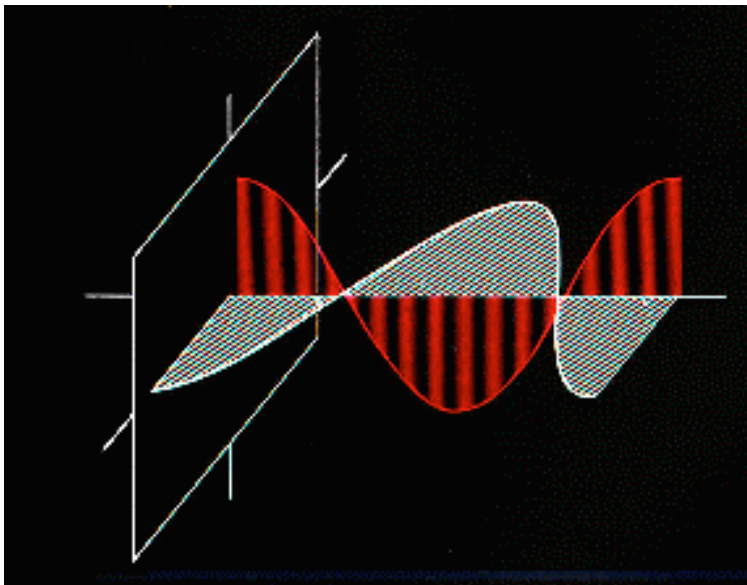
All of our conventional theories about magnetism and electricity did have their origin in aetheric models, since much of the research was done in the 1800's when these models were still in vogue. The "flux lines" formed by the force from a magnet, which we shall discuss below, were once believed to actually represent a physical substance that could be "cut" and harnessed. Even though the aetheric models could suggest that the magnets were drawing energy from the aether itself, the original physicists still believed that the force created by a magnet existed within the magnet itself, not as a force that was being pulled from the surrounding energy of "empty space." This viewpoint has not changed in all the time since it was formulated; however, we will suggest that it must be in error, and the aetheric model provides us

with a perfect alternative.

In the experiments with psychokinesis cited in Chapter Two, both electricity and magnetism could be created and controlled by nothing more than the focus of consciousness – and if the consciousness of the others in the room was predominantly negative, the effect was much more draining on the subject. Furthermore, the energy surrounding Nina Kulagina's body would lose half of its strength when she performed these feats, certainly suggesting that she was somehow able to draw in the aetheric energy from around her and use her body to send and transmute it to the object. So if the energy of magnetism can be created from sheer conscious thought alone, it would be difficult to ascribe it to a force that simply exists within the magnet itself. Magnetism can be created just like gravity and electricity, straight from the consciousness of this Ultimate Being itself – and in the case of Kulagina, it occurs spontaneously around the object in question, with no measurable line of force connecting it to the person inducing the activity. It literally arises "from the aethers" at the point where it is needed.

5.4.1 E-FIELD AND B-FIELD

Magnetism and electricity are considered to be two components of the same force, namely electromagnetism. Magnetism is referred to as the "B-field" and electricity as the "E-field," and they are graphed out as a unified wave where the E-field is on the horizontal plane and the B-field is on the vertical plane, 90 degrees of rotation away from its counterpart. This is based upon careful measurements of the properties of these fields themselves, and is considered to be a contemporary fact. The picture below shows us a "conventionalized diagram of an (electromagnetic) wave form..." that was reprinted by Enterprise Mission with permission from Ultra High Frequency Radio Engineering by WL Emory, The Macmillan Company.



This diagram allows us to clearly see the observed interplay between the two forces. As we look at the picture, we can see that the two fields are in a constant 90-degree relationship to each other. This is called an "orthogonal" relationship, and it will become very important when we start looking at the theories surrounding the idea of higher "dimensions" of space. Since the electromagnetic wave forms the basis of our Universe, all theorists who study the concepts of higher dimensions

believe that each higher dimension must somehow be located at another 90-degree turn away from the three main axes of length, width and height that we now see! If this sounds confusing or impossible to you, then you're on the right track! No matter where you turn a corner and rotate 90 degrees, you're still going to end up in what we would call "three-space." This puzzling conclusion of the existence of "higher dimensions" has come from the "crystal ball" of mathematics. Certain equations demonstrate that there must somehow be a way for energy to have "more room" to travel through than what we see in our own "three-space." However, this doesn't make it any easier to visualize. Mathematics can often be used to propose solutions to problems without giving us a solid visual model to work with.

When we start looking at Rod Johnson's model in Chapter 18, we will see that there is a very good reason for the shape of this waveform; it ultimately reveals a hidden geometry inside of itself, and this geometry was independently discovered by James Clerk Maxwell in the 19th century and again by Buckminster Fuller, who announced it to the world at his Planet Planning address in 1969. Johnson was unfamiliar with these earlier discoveries when he independently determined that the same geometric form was being described by the electromagnetic wave. This unseen geometric structure will prove to be a crucial part of truly understanding how the consciousness of this Ultimate Being forms all of reality that we know, from its own "body."

5.4.2 DYNAMIC FORCE, STATIC ENERGY

Let us not forget how important this wave really is; it is the primary means through which the energy of the universe is expressed. Another important and puzzling aspect of the behavior of this waveform is that the two components do not at all move in the same fashion. Michael Faraday was the first to determine that magnetic fields were continually rotating – and in scientific terms this means that magnetism is a dynamic field. However, he also discovered that:

The electric fields do not move at all; they require the dynamic movement of the magnetic wave to propel themselves forward.

The scientific term that was chosen to describe something that does not move is static, so the electric field was called an electrostatic field.

This can be visualized in a very simple way. If you think about an object that floats on the surface of the ocean, it is only the movement of the wind and water that would cause it to move forward – and the behavior of the electric field is very similar. If you only looked at the electric part of this waveform by itself, there would be no directional movement within it. If you ask an engineer why the magnetic field is dynamic and the electric field is static, you will probably get "That's just the way it is" as your answer. And yet, this is of very obvious importance, as the electromagnetic waveform is the primary means by which energy travels in our universe. And since Nina Kulagina and others can create these forces by a simple focus of consciousness, and in PK tests with Alla Vinogradova these fields would oscillate in tune with her own body, we know that we are dealing with something much more interesting than what we have been led to believe. This is an active, living energy force in its own right; the primary means by which this Universal Being is continually

forming itself. That point cannot be underestimated. Einstein and many others firmly believed that when the Unified Field was discovered, it would prove that all the Universe was composed of electromagnetic fields, not “particles.”

The next important terms that we need to cover are “force” and “energy.” We have already stated that magnetism was given the term “dynamic” because it is consistently moving, and electricity was given the term “static” because it is motionless. Since magnetism was observed to rotate and move in set directions, there needed to be a name for that behavior – and it was called a force. The word “dynamic” is a descriptive word, whereas “force” is an active word, like when discussing the force that you would need to push a heavy object. Therefore, magnetism is a dynamic force, meaning that it is a field that is in motion.

Now in the case of the electric field, Faraday discovered that it was essentially motionless, as we pointed out in our example of a piece of flotsam floating on the surface of the ocean. However, that doesn’t mean that the field has no energy. What we do have is a field that radiates energy away from itself. So if we use our analogy of an object floating on the surface of the ocean again, we could see that as it traveled, it would radiate heat energy from the Sun. If you put your hand near the object you could feel the radiant, static energy from it, but it would still need the dynamic force of the wind and water to move it along. This is how electricity is able to power our machines. So, whereas force was an active word that meant that the field moved in a given direction, the word “energy” was chosen as the word to represent something that radiates while remaining motionless. Therefore, Faraday named the electric field “electrostatic energy.”

Some readers may be angry right now for our going into such detail about this and would never want to study and remember this information, as it seems to have no relevance to their everyday life. It certainly seems confusing that these two fields travel together and yet have such different properties. If you are baffled as to why energy would behave like this, you are in good company; up until now, scientists did not have a true means of explaining it. However, in Chapter 18 we will see that Rod Johnson’s model explains it clearly, with a simple geometric design. Although it will sound completely foolish right now, this movement between magnetic and electrostatic fields is actually demonstrating an exchange of energy between two parallel universes, both of which are defined and interconnected with simple geometry! That is why a description of our world as “three-dimensional” is incorrect – there is an exchange of force and energy between at least two “dimensions,” or areas of “virtual” space, that forms our known reality. So now, we can see that this behavior of the electromagnetic waveform is very important; it contains the secret key to unlock the mysteries of the Cosmic Chess Game, so that we can truly see the “board” and all the “pieces” that are in play. For now, we will continue to investigate the behavior of the electromagnetic wave for how it relates to the aether theories and technology.

5.5 LENZ’ LAW, MOTORS AND GENERATORS

For those readers who are unfamiliar with physics, it may be surprising to realize that magnetism and electricity, which certainly seem to be used as two separate forces in our technology, are always traveling together in this fixed 90-degree relationship where magnetism is dynamic and electricity is static.

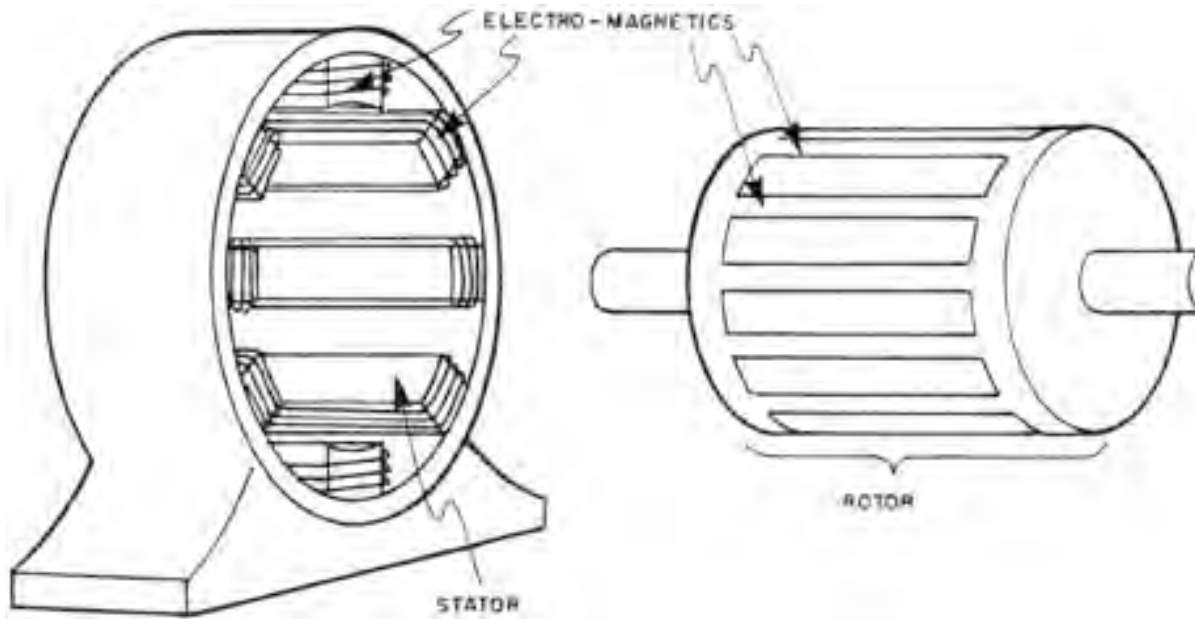
We know that you cannot have electricity without magnetism and vice versa, and that the two fields will always exist in this very precise geometric arrangement. Our next important realization is this:

By simply passing a wire over the north or south pole of any magnet, an electric current is generated within that wire.

Anyone who has studied basic electronics knows that moving a wire over a magnet will do this, but they usually never ask why. This simple property, known as Lenz' Law, ultimately allowed for the creation of both the electric motor and the generator – and we will explain both of these inventions in order to help us understand what is going on.

The electric motor uses this basic connection between magnetism and electricity to power itself. The first and most simple point that we should realize is that when you run electricity through a wire, that wire will become magnetic. If we remember the shape of the electromagnetic wave, the dynamic, rotating magnetic force will always travel at a 90-degree angle to the electrostatic energy. When you take a large amount of wire and wrap it around something like a nail over and over again, you will form a coil. Then, when you send electricity through the coil, there will be a significantly higher amount of magnetic force generated in a coil of wire than you would ever see from a single wire; the magnetic force will multiply as the coil grows larger. When industrial electro-magnets are built to a custom design, they can be very expensive because of the amount of time and effort that it takes to wind up huge coils of wire to precise specifications. However, once a design has become more common, the electromagnetic coil can be machine-wound, and this makes it much more cost-effective to produce. This difficulty in custom-designing electromagnets is one of the reasons why so many free energy and anti-gravity researchers have financial problems in trying to build working models of their ideas.

So, if we want to build an electric motor we have to start by realizing that two pieces are involved; a stator and a rotor. The rotor is generally a cylinder-shaped arrangement of electro-magnets, often formed from coils of thin copper wire. This cylinder has an axle that runs through the center, and it is called a "rotor" due to the fact that the axle allows it to rotate once the motor has been properly built. When electric current is passed through the coiled wires in the rotor, the entire rotor becomes magnetic – and this is how you would create an electro-magnet. If you simply stopped at this point, you would discover that when you ran current through the rotor, you could pick up metallic objects with it, but as soon as you turned the current off, the objects would fall. This is the standard behavior of an electro-magnet.

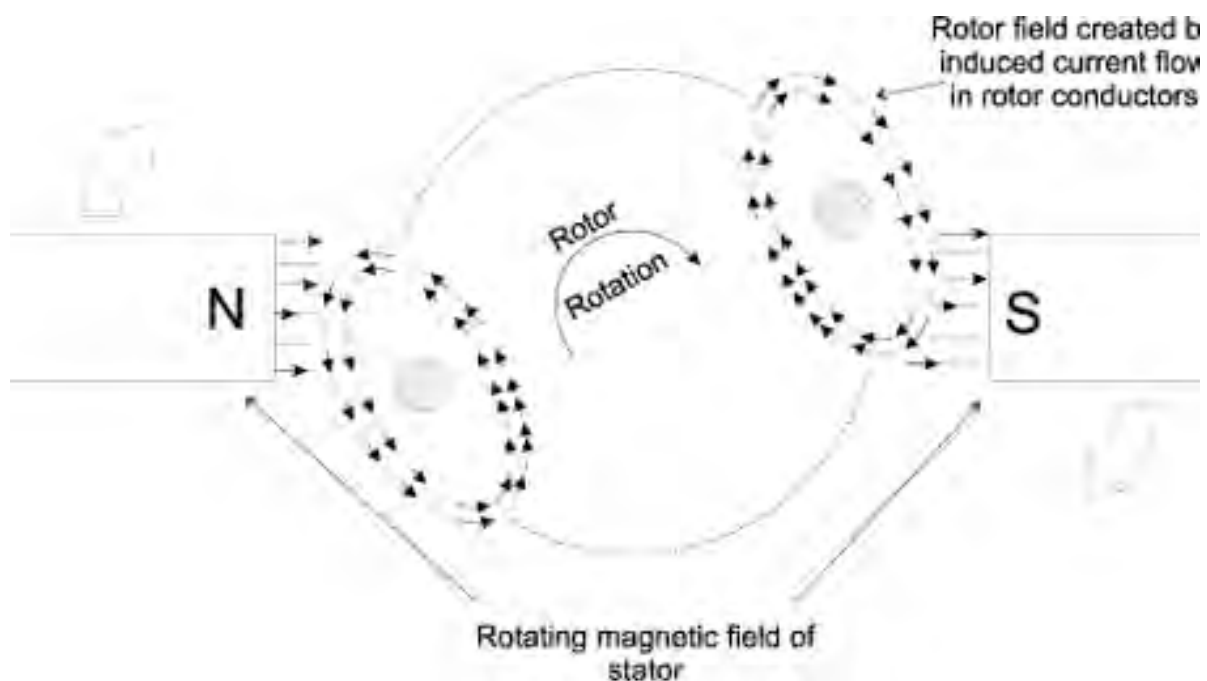


Reliance Electric's diagram of an AC motor, showing the "stator" and "rotor" components.

In order to build a motor, the rotor must be surrounded very closely by a set of permanent magnets. This set of magnets is collectively referred to as the "stator", since remain static or motionless. [Note: the above diagram is from an AC motor, which is a more complex design that we need not discuss, where electromagnets are also used around the permanent magnets in the stator.] Typically the rotor is in a cylindrical shape and the stator magnets will be cut to outline the rotor very closely; but they must not ever touch it directly or it wouldn't be able to rotate freely.

Now we get to the fun part, the process by which the rotor is made to spin. When electric current is passed through the copper wire in the rotor, it becomes magnetized, and the rotating magnetic force from the stator magnets will push against the rotor in the opposite direction, thus causing the rotor to move. [See next image.] This ongoing, rotating magnetic repulsion causes the motor to spin, and the more electric current you run through the central coils of wire, the faster the rotor will rotate on its axle, thus powering your device, such as an electric fan.

In order to truly understand how this rotation takes place, we need to explain the situation a little more carefully. If we look back to the diagram of the E and B-field, we can clearly see that magnetism naturally travels in a 90-degree offset wave motion. This flow is well-known to move between the north to south pole of a magnet. As we said before, Michael Faraday discovered that all magnetic fields are rotating as they move through space. Thus, due to this spiraling motion from north to south, you can set up a continually rotating magnetic field between the two stator magnets, since one stator magnet will be a north pole and another will be a south pole. With this continual rotation occurring between them, the rotor can be balanced in such a way as to be continually "kicked" on both sides by the rotational movement between the two stator magnets. In the below diagram, this is explained by seeing how an "induced current flow," which is simply a term for the electricity sent through the electromagnets in the rotor, is working against the spiraling, rotational flow that occurs between the stator magnets.



Reliance Electric's diagram of movement within an electromagnetic motor.

5.6 GENERATORS OPERATE VERY SIMILARLY

A generator works on exactly the same principle, only in reverse. In this case, you would have a source of mechanical energy, such as a wheel that is being turned by the flowing energy of water from a river, that would spin the rotor from the outside without an electric current. Now, thanks to Lenz' Law, the conducting copper wires inside the rotor will pick up the magnetism from the stator magnets, and turn it into electricity. It is this "gathered electromagnetic energy" that creates a current through the wire and generates electricity. This simple principle is responsible for the operation of a hydroelectric power plant, where a large river or waterfall provides the mechanical power to turn a waterwheel that then directly turns the rotor inside.

Conventional scientists never bother to ask why electricity can be created by moving a conducting wire through a magnetic field – it is just considered a simple principle of electromagnetism, assigned a mathematical equation and left alone. However, the simplest law of energy conservation would state that energy can neither be created nor destroyed. If this is true, then the magnet cannot be creating energy by itself – the energy has to come from somewhere. And yet, a permanent magnet is incredibly durable and will continue emitting magnetism for well over 1000 years with no significant sign of loss. You can still generate as much electricity from it as you want, but many generations would be long dead before it would show the slightest sign of weakening. No one ever worries about having to replace the stators in an electromagnetic motor.

Another interesting property of magnets is that you can rub them over a non-magnetic piece of metal, always in the same straight-lined direction and never backwards, and thus magnetize the object. This is typically done with screwdrivers to enable them to attract screws so that you won't lose them as they are being inserted or removed. The current theory behind how one

magnetizes metal is that the magnetic energy, which is theoretically stored within the magnet since its creation, is simply transferred into the metal. However, the magnet itself is no weaker after such a process than it was before! You can magnetize as many objects as you want and the magnet does not seem to be affected in any way. And so, in a very real sense, our current physics treats magnets as an impossibility; a source of perpetual energy that almost never expires. If the energy is "stored within" the magnet itself, then where exactly is it coming from, and why doesn't it ever dissipate?

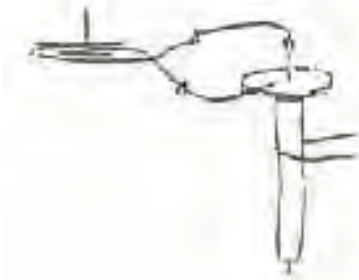
5.7 THE MYTH OF FLUX CUTTING

When a magnet is held under a piece of paper and iron filings are dropped on top of it, you will see a series of concentric circular lines form from the north pole to the south pole. These are referred to as "magnetic flux lines," and they provide a graphic representation of the spiraling fields surrounding the magnet. The current theory is that when you pass a wire or conductor over the magnet, a process known as "flux line cutting" generates the electricity. In other words, the flux lines themselves are seen as being "cut" by the wire as it passes through them, and the energy that would normally be flowing through the flux lines thus empties into the wire. This is considered so axiomatic that no one would even bother to think that it could be a faulty model. And even though quantum physicists assume that atoms are composed of particles, no one has ever changed the equations for electromagnetism, which treat it as a flowing (yes, aetheric) field of energy waves that can be "cut" in this fashion. The flowing aether portion of the theory is correct, but the "cutting" is not, as we shall see.

Now remember that in order for flux line cutting to take place in conventional theory, there must be two different speeds of motion; one for the wire (or conductor) and one for the magnet. You can either have the magnet stationary and the conductor in motion, or the conductor stationary and the magnet in motion. In either case, the relative motion between the conductor and the magnet is supposed to "cut" the flux lines and thus create electric current. If you moved the conductor and the magnet at the same time, then you couldn't "cut" the flux lines and there should be no way to draw electricity through the conductor. It would be like the proverbial carrot that hangs in front of the donkey – no matter how fast the donkey tries to run to get the carrot, his teeth will never be able to cut into it, because both the donkey and the carrot are moving at the same speed!

5.7.1 FARADAY'S ONE-PIECE GENERATOR

Now, whether we like it or not, there is new information that forces us to throw this entire model of "flux cutting" and relative motion between conductor and magnet out the window, or at least subject it to dramatic changes. For MIT's own Dr. Bruce DePalma has reminded us that electric current can be generated with the conductor and the magnet moving at exactly the same speed - thus eliminating any possibility that the flux lines could be "cut." For if the magnet is moving, the flux lines should automatically be moving along with it in conventional theory. This bizarre and interesting means of generating electric current was actually discovered by famous pioneer physicist Michael Faraday on Dec. 26, 1831, but until DePalma came along, no one ever paid any attention to it.



255. A copper disc was cemented on the top of a cylinder, the top being the marked pole; it was supported so as to rotate by means of string, and the galvanometer connected with the edge and the axis of plate. When the magnet and disc together rotated the marked end of the needle went west. When the magnet rotated screw the marked end of the needle went east.

256. This direction is the same as that which would have the copper had moved and the magnet been still. Hence magnet causes no difference provided the copper moves, and a stationary magnet causes the same effect.

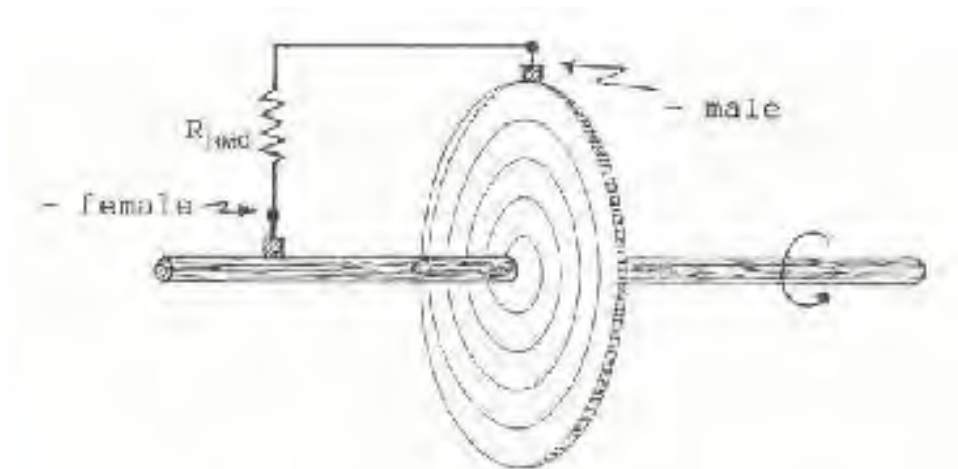
257. The disc was then loosed from the magnet and held the magnet itself was revolved; but now no effect galvanometer. Hence it appears that, of the metal circuit the current is to be formed, different parts must move with angular velocities. If with the same, no current is produced when both parts are external to the magnet.

Test of a rotating magnet by Michael Faraday
26 December 1831.

DePalma's prospect is actually quite easy to prove, and he did so many times. To generate electricity without any "flux line cutting," you don't even need anything but one piece that rotates by itself – no "stator magnet" is necessary whatsoever. And that right there would stop most engineers in their tracks. It is believed that you must always have at least two pieces in a generator – the stationary magnet or magnets and the spinning rotor wrapped with wire. In Faraday's design, seen in the image above, he took a cylindrical magnet, shaped like a candle with both edges cut perfectly flat, and attached a thin piece of paper over its top edge. Over the paper he cemented on a flat, coin-shaped disc of copper that was several times wider than the cylinder. By its very nature, the copper could conduct electricity, if there was any electricity to conduct. Once cemented together, the two pieces thus had no choice but to spin at exactly the same rate, so no "flux cutting" could occur.

To Faraday's amazement and bewilderment, when he rotated this object he could extract an electric current from it, even though it was only a rotor – there were no other moving parts! There was a cylinder-shaped magnet and a coin-shaped conductor, and they were both moving at exactly the same speed. All he had to do was to attach a copper "brush" to the outside edge of the conducting disc and another "brush" to the metal axle that touched the center of the disc. These 'brushes' are just what they sound like; pieces of fine copper wire that can touch an object with enough force to conduct electricity, but also lightly enough to permit it to move. The two "brushes" were then wired into the opposite ends of a galvanometer to measure electric current; and indeed, a current could be detected! (A galvanometer uses a needle that moves when electricity is passed through it, as seen in the diagram.) No one in the scientific mainstream will believe that this could work if you try to explain it to them, because it violates the "laws" of electromagnetic energy.

This obviously was a cause of great fascination to Faraday, but he had no means to explain it and thus nothing else was done with it. Here, we will suggest that the magnetic energy itself is like a fluid, and by "throwing" or "spraying" the fluid out to the far edge of the conducting disc through rotation, a current is generated. Essentially, the aetheric energy is being drawn in through the center of the disc and is radiated out the sides. If you could see the basic magnetic energy field as this was happening, it would look like a donut-shaped sphere whose central axis was shared with the axis running through the disc. The radiated aetheric energy could be visualized in a similar manner as the water that flies off of a wet dog's body when it shakes itself dry, or the water that is pumped through a hose and released by a rotating sprinkler nozzle to water a person's yard.



In DePalma's case, he discovered that even having a separate conductor and magnet was not necessary to produce this effect. All he needed was a single strip of flat, magnetized material that could also conduct electricity. This strip was then fashioned into a flat, disc shaped spiral like a giant lollipop, such that one end terminated at the spinning axle and the other end terminated at the outside rim of the disc. [See above image.] One pole of the magnet would be wound up into the center, and the other pole of the magnet would be at the outside edge of the spiral. By simply rotating this one-piece magnetic conductor, electric current could be drawn from the disc.

So again, we are doing the impossible - rotating a one-piece magnetized conducting disc and drawing energy out of it. Now this is where the real problem for scientists comes up: time after time, DePalma was able to show that these "homopolar" or one-piece rotating generators were actually superior in performance to the typical two-piece stator and rotor design that we discussed above. In fact, these generators were more than superior; they appeared to be impossible, as they created more electrical energy output than it took to spin them. It is from this simple and yet incredible principle that DePalma created his own "free energy" device, known as the N-Machine.

5.7.2 THE SUCCESS OF THE N-MACHINE

Now the only way that DePalma's one piece generator can be possible is if a field such as the aether really did exist for us to draw energy out of. Without aetheric energy, we would have a closed "perpetual motion" system that would be thought of as impossible, for it cannot sustain itself without drawing

in new energy from somewhere; conventional theory indicates that it will continually lose energy from the friction in the air and the movement of the parts inside. In DePalma's case he referred to the aetheric energy as the "Primordial Energy Field." And from these principles, DePalma built the large "Sunburst" single-pole generator "N-Machine" in Santa Barbara, California in 1978, which was a further enhancement on the basic idea of using a rotating magnetized conducting disc. DePalma had the "Sunburst" tested in 1985 by Dr. Robert Kincheloe, Professor Emeritus of Electrical Engineering at Stanford University. In the abstract of his final report, Kincheloe says the following:

Known for over 150 years, the Faraday homopolar generator has been claimed to provide a basis for so-called "free energy" generation... During 1985 I was invited to test such a machine. While it did not perform as claimed, repeatable data showed anomalous results that did not seem to conform to traditional theory...

After the entire report rigorously critiques and examines all of the data, Kincheloe concludes:

DePalma may have been right in that there is indeed a situation here whereby energy is being obtained from a previously unknown and unexplained source.

This is a conclusion that most scientists and engineers would reject out of hand as being a violation of accepted laws of physics, and if true has incredible implications.

And so, with all of this in mind it is clear that DePalma was harnessing electricity from the zero-point energy source that we are calling the "aether." So what exactly is magnetism in the new aetheric theories, and why does it work like this? We cannot be content with the old definitions when we can now be sure that something quite strange is going on. Two additional discoveries will help to prove the point even more – namely that the energy in the magnet is not being generated by the magnet itself, but from an outside force that is flowing through the magnet.

5.8 THE ASPDEN EFFECT

The first discovery that we will mention to prove that outside aetheric force is flowing through a magnet is that known as the "Aspden effect," from Cambridge University's Dr. Harold Aspden. It was presented in the Institute for New Energy's *New Energy News*, vol. 2, no. 10, Feb. 1995. Dr. Aspden's experiment sounded simple enough, and no one would expect anything unusual to happen from doing it. All he did was to take a magnetized rotor and bring it up to a certain speed of rotation, and then suddenly bring it to a complete, motionless stop, and measure how much energy it took to bring it up to that speed with his instruments. Then, within less than about one minute, he would bring it up to the same speed of rotation again, and measure how much energy it took the second time.

Now any rational-thinking person would expect nothing significant to come out of this. All we are doing is taking the same magnetized rotor, spinning it up to a certain speed and measuring how much energy it took to do that under two different circumstances; the first one from a dead stop and the second one from a recent rotation. Almost everyone would expect that the amount of

energy that it took each time would be the same. There should be no reason for why any residual energy would be left in the magnet after it had just been spinning – it should take the same amount of energy to spin it the second time that it did the first time. Yet, as you already guessed, this is not what happened:

After a magnet has been rotated and then brought to a complete stop, it will then take roughly ten times less energy to return it to the same speed, providing that it is spun again within less than about 60 seconds.

Yes, it's really true! You may want to read that sentence again, as its importance can be missed if you are just skimming through – almost anyone can see that this totally violates all known laws of physics. To be more exact, the amount of heat energy that it takes to get the magnetic rotor spinning is measured in joules, and normally in this experiment it would take 1000 joules to get the rotor to spin. However, if you stop its motion and then start it again within less than 60 seconds, it will only take 100 joules to achieve the same effect! In other words, it is ten times easier to spin the magnet once it has already been spinning.

So how could this be happening? If we remember that the aetheric energy that makes up all of physical matter is creating it moment by moment from a spinning motion, then we can see the following:

The energy within the magnet itself will continue "spinning" inside even when the magnet is not moving.

If we compared a magnet to a glass, then it becomes easier to see. A glass, of course, is a container that can hold a given amount of liquid inside of it. If we see the magnet as a container for a non-physical aetheric "fluid," it becomes very simple. If you were to stir up a glass of water and then remove the stirring rod, it will naturally take less energy to stir up the water in the glass again if you wait less than a minute before trying. Even though the glass itself wouldn't have moved, the water would still be spinning inside as it remained still. So from this experiment, we can see that it certainly appears that the energy in a magnet itself is in a form of direct fluid motion, which is quite different from how we are normally accustomed to visualizing it. This should leave no doubt in anyone's mind that we have not yet uncovered the true mysteries of the electromagnetic field. Just as the blood flows through the body, so too does the very conscious energy of Life itself exhibit flowing motion, supporting and upholding the body of this Ultimate Being on a moment to moment basis. When we think back to the light, sound and geometry components of vibration that were mentioned in Chapter Four, it should come as no surprise later in the book when we start seeing the signatures of these vibrations in many different areas of study, including quantum physics, gravity and astrophysics.

5.9 DONALD ROTH AND "MAGNETIC MEMORY"

The second discovery to prove that magnetism is a movement of energy outside the magnet itself was made by Donald Roth, and presented to the Institute for New Energy at their First Aetheric Conference on July 19-20, 1997. The presentation was later written up in *New Energy News*, vol. 5, no. 4, Aug. 1997 as follows. As you read the article, remember that the "magnetic

torsion beam" being described is simply akin to a bar magnet that is hanging on a string. We have italicized part of the last sentence for emphasis.

In another experiment, a magnetic torsion beam was suspended and balanced at its center. A strong magnet is then placed on a table with one pole extended toward the suspended torsion beam. After many oscillations, the beam would be attracted to the opposite pole of the magnet on the table. Donald Roth reports that after five days the magnet can be removed at considerable distance from the balanced torsion beam but that the beam will still be attracted as though the magnet was still there.

And so, it would appear that if a magnet stays in one place for a long enough period of time, it can actually cause the aether flowing through the objects around it to move in a certain anisotropic (non-uniform) direction instead of an isotropic (uniform or "same in all directions") one. The simple presence of the magnet at a distance provides the extra energy necessary to keep this flow going. This is similar to the idea of a "siphon." If you suck water through a hose and place the bottom of the hose at a lower level than where the water is that you are siphoning from, then the water will continue to empty out of the hose until the entire supply runs out. This is explained by the fact that there is much greater atmospheric pressure, in pounds per square inch, pressing on the surface of the water, as opposed to the much smaller amount of pressure that is on the water that emerges from the end of the hose.

In the case of Donald Roth's experiment, if magnetism is a "flow" in the aether, it appears that once you "get it going" through a local area of space, it can continue at the same force with the magnet itself being much farther away from the point of action. It is as if a temporary aetheric current is set up in the space-time fabric itself – certainly not a "typical" property of magnetism by anyone's definition. And right away, when we start looking at these new concepts of magnetism, we should be thinking in our minds of various ways in which these yet-unknown properties could be harnessed for technological purposes. We are already well aware that the psychics in the Soviet studies of psychokinesis were able to harness it by thought alone!

5.10 CONVENTIONAL EXPLANATION FOR MAGNETISM AND AETHER ALTERNATIVES

Now by this point, we must be getting more and more curious as to how the magnet actually functions in this new aetheric model. How does the magnet attract certain types of metal to itself? We know that some form of energy appears to be flowing in through the north pole and out through the south pole, thus forming a magnetic current that creates a dynamic, rotating force. We also have postulated that nothing exists in the Universe but the conscious aether itself, the lifeblood of the Ultimate Being; so we are not simply studying meaningless information, but learning the specifics of how this Oneness has chosen to exist. Now here is the key that explains magnetism to the conventional thinker:

In a piece of magnetized material, the majority of the molecules are oriented in the same north-south direction.

Providing that you have the right type of metal, you will achieve a magnetic force when this north-south molecular alignment is in place. In conventional

atomic theory, which will be covered in Part Two, there is the assumption that atoms have various "shells" in which "electrons" are orbiting. These assumptions have allowed us to study the atomic level and interpret our data, but they are by no means proven facts, as we shall see. In this conventional thought process, each metal has a certain number of electrons in its outer shells, and some of these electrons will only "want" to spin in one direction. In other metals such as iron, the outside electrons can spin in many different directions, and the flowing presence of a magnetic field can organize them so that they all spin together. At this point, each atom becomes a miniature magnet in its own right.

Now think about this in terms of aether flow. If each atom of each molecule is formed by a whirlpool in the aether, then there has to be a direction for the whirlpool to be spinning. Most of the compounds on Earth are non-magnetic, non-conducting "dielectric" materials, meaning that they do not conduct electricity easily and their molecules are not all aligned in the same direction. In this case, as they are continually created by the aether, the fluidlike energy will stream into them from all different directions equally; or to put it in more technical terms, the streaming aether flow is isotropic, meaning "the same in all directions."

In the case of a magnetic material, it appears that the aether flow is anisotropic, meaning that it is not the same in all directions; instead, the flow has a specific orientation. And thus:

The rotating magnetic force of a magnet is nothing more than the aether flow itself as it creates the magnet moment by moment.

Since the molecules of the magnet are all aligned in a certain direction and are good "conductors," aether will only flow through it in a certain direction, like water flowing through a pipe.

The north-south orientation of the "electron orbits" in the molecules of the magnet cause it to draw almost all of the aether that forms it in from the north pole and back out through the south pole, creating a loop. The magnet is not created like any other object in our physical reality - instead, there is a definite direction to the energy that streams through it. And it is this directional flow of aetheric energy that creates what we term as magnetism.

At this point it is natural to get more specific about how a magnet can attract other metals to itself that are not already magnetized. Contemporary physicists consider it a fact that certain metals have their outer electrons orbiting in such a way that they can spin in a number of directions – but not all metals have the proper electron configurations to allow this to occur. And as we said, in many metals such as iron, it is currently believed that the outer electrons can realign with the direction of magnetic flow, and thus each atom within the metal also becomes polarized in a north-south direction and thus turns into a miniature magnet while within the larger magnetic field. In this way, then, the metal is capable of being "reoriented" by the magnetic field so that aetheric energy flows through it in an anisotropic or "directional" fashion.

Then we must ask how this relates directly to aether theory. In fact, it is not much different than when a floating object falls into the current of the river and is swept away by it. The current of aether that streams through the

magnet is in a constant state of movement, and when the electromagnetic fields of certain metals align themselves with that force, the metal is then caught up by that flow and pushed towards the magnet, which becomes like an aether sink, sucking in the aether around it with strong force. The current will always flow from negative to positive, causing the opposite poles to attract each other, and the atoms in the metal will simply adopt this same polarity when they are subjected to the magnetic field.

5.11 THE IMPORTANCE OF VIBRATION

If we determine that the Aspden effect and other findings of magnetism are truly showing us that the aether behaves like a fluid, then we also know that the fluid can and must be able to vibrate, by definition. Therefore, we can expect that we should see all of the trademarks of vibration – light, sound and geometry – throughout our Universe, from the quantum to Galactic level.

When we consider all of these points together, magnetism becomes a "whole new ball game," as one might like to say. The implications are quite profound, as it proves that it is indeed very possible for us to harness a limitless supply of this fundamentally conscious "free energy" and never have to worry about scarcity or pollution again. The only thing that stands in the way at this point are the "powers that be" who are all too ready to squash anyone who tries to build, patent and mass-produce devices of this type. But eventually, if more people become able to perform feats such as Nina Kulagina and refine their operation, then we should be able to power all of our devices simply by psychokinesis! (Wilcock has two engineer friends with advanced degrees who have used their own psi energy to power their watch batteries, which have remained fully charged for ten years running.)

In the next chapter, we will detail what happens when you put together the magic combination – magnetism and rotation – to produce workable anti-gravity machines. No longer will the idea of antigravity propulsion seem so impossible, once the facts are presented.

5.12 RECAP

And so, as we look over the information that we have covered, the ever-elusive property of magnetism starts to look very different:

5.1 First of all, a magnetic field can be created through nothing more than the focus of a gifted individual's consciousness, and that force arises from the aetheric flux spontaneously, with no measurable connection to the person.

5.2 "Virtual Particles" have allegedly been discovered for each of the main components of the atom. Although we will question their true nature in this book, the fact remains that this shows that we are living in a universe of unseen forces.

5.3 The "Casimir Effect" says that when two perfectly flat plates are brought together in an airless vacuum that is shielded from all conventional electromagnetic waves, a powerful force will cause them to push towards each other. This is another means of proving that the zero-point energy field or 'aether' truly exists.

5.4 In the new model, magnetism is caused by the movement of aether through an object, and can be created by consciousness alone, as in the cases of Kulagina, Vinogradova and others.

5.4.1 When we study the electromagnetic wave, magnetism is referred to as the "B-field" and electrostatics as the "E-field." For some yet-unexplained reason, the two are observed to travel at 90-degree angles to each other. Both Buckminster Fuller and Rod Johnson independently discovered a hidden geometry in this movement, which will be discussed later.

5.4.2 We see that the static energy of the electric field is essentially motionless, and it requires the dynamic force of the magnetic field to propel it forward. We have suggested that the actual electromagnetic wave is occurring as a result of a flow of energy and force between two parallel universes, for want of a better term, and will go into more detail about this in Chapter 18.

5.5 Lenz' Law states that by simply passing a wire over the north or south pole of any magnet, an electric current is generated within that wire. This principle can be used to build electromagnetic motors since the magnetic field naturally rotates.

5.6 The same principle in reverse can be used to build generators as well. Lenz' Law states that conducting wires can gather up the magnetism from a magnet and turn it into electricity.

5.7 Even though quantum physicists assume that atoms are composed of particles, no one in the mainstream has ever changed the equations for electromagnetism, which treat it as a flowing (yes, aetheric) field of energy waves that can be "cut". This is called "flux line cutting," and in order for it to take place in conventional theory, there must be two different speeds of motion; one for the source of magnetic energy and one for the conductor of the energy.

5.7.1 The work of Michael Faraday in 1869 proved that electric current can be generated with the conductor and the magnet moving at exactly the same speed - thus eliminating any possibility that the flux lines could be "cut." Faraday and DePalma's "homopolar generator" experiments show us that when a magnet is rotated as a disc, magnetic energy can be caused to eject outward like the water in a sprinkler system, and this energy can be harnessed to create electricity. And the sheer volume of energy that this rotation creates is greater than the energy needed to rotate it in the first place!

5.7.2 DePalma built the "Sunburst N-Machine" upon these "homopolar generator" principles, as a legitimate free-energy machine. It was tested in 1985 by Dr. Robert Kincheloe, Professor Emeritus of Electrical Engineering at Stanford University, who concluded that "De Palma may have been right in that there is indeed a situation here whereby energy is being obtained from a previously unknown and unexplained source."

5.8 The energy coming through the magnet itself appears to behave more like a fluid than a force. When a magnet is spun and then stopped quickly, the Aspden effect reveals that energy is still spinning inside of it. A rotating magnetic disc that took 1000 joules of energy to reach a certain rotational

speed can be abruptly stopped in its rotation, and if it is started again within 60 seconds, it will only take 100 joules to reach the same speed. This suggests that the magnetic energy is swirling around inside like water in a glass, even when the magnet is not moving.

5.9 The experiments of Donald Roth demonstrated a form of "magnetic memory." The aether flow known as "magnetism" can be established in one localized area if the magnet is kept there for a long time, and then if the magnet is moved farther away, the force field that it established can continue flowing. This gives definite proof that the energy in the magnet is outside of the magnet itself.

5.10 The conventional explanation for a magnetic field is that it is caused by a given metal having a special north-south alignment of its molecules. In aetheric theory, this alignment forces the aetheric energy that creates the object to flow through it like a tube in a certain direction, instead of flowing in and out of it from all directions equally. This is the true definition of magnetism.

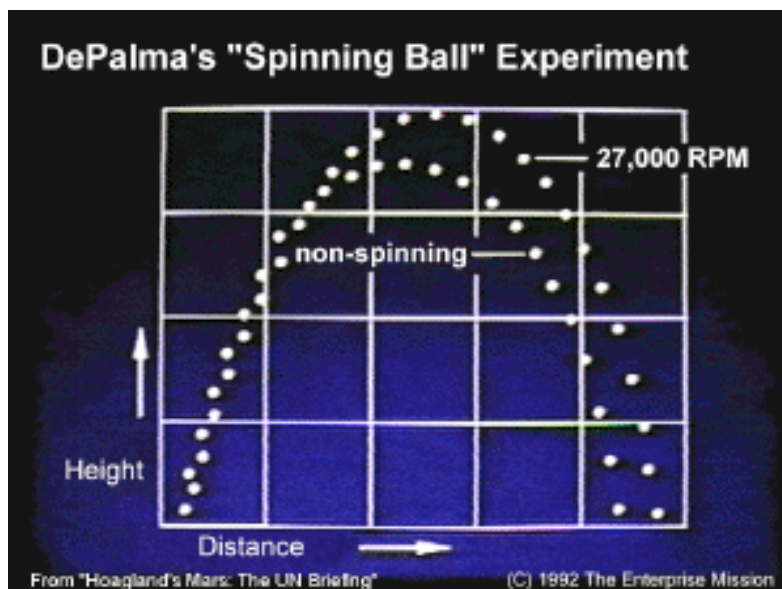
5.11 The fluidlike qualities of magnetic energy make a strong suggestion that vibration will play an important part in the behavior of "aetheric" energy.

CHAPTER 06: GRAVITY, MAGNETISM AND ROTATION - THE MISSING LINK

CHAPTER 06: GRAVITY, MAGNETISM AND ROTATION - THE MISSING LINK

6.1 GYROSCOPES DEFEAT GRAVITY

In the last chapter, Dr. Bruce DePalma showed us that the simple rotation of a magnet, fashioned like a gyroscope, could generate electricity. It is also interesting to point out that gravitational effects could also be produced in DePalma's work with rotating magnets. Before discussing this, if we go back to his original Spinning Ball Drop experiment detailed in Chapter Four, we can see that definite anti-gravitational effects were observed in the difference between the dropping of a rotating steel ball as opposed to a non-rotating one.



We should remind ourselves that a gyroscope does not "like" to be moved out of its position – it possesses great inertia. You can feel this by trying to turn the gyroscope in your hands while it is moving – it will resist your efforts. Or you can even balance the bottom axle of the gyroscope on your finger, and dazzle your friends as it tilts almost 90 degrees without falling down. It is these simple principles of the gyroscope that allow our airplanes to remain stable in flight – the gyroscope senses any movement and resists it, which causes the sensitive instruments around the gyroscope to detect the changes and send the corresponding motions to the stabilizers on the wings to keep the plane level. Without it, a pilot's challenge in trying to keep the plane on track would be a far more demanding task.

We have stated that gravity is the tendency for all parts of the Ultimate Being to seek Oneness, to seek the Center. Thus, when we see this happening on planets, it is simply the force of aether streaming downward into the gigantic planetary body that creates the force. The Earth's surface is akin to a "screen" that we cannot pass through but the aether can – and thus we are "caught up" in the "aether wind" and continually pushed down by it. However, the aether also streams into all other matter, including ourselves – so it is certainly possible for other, weaker streams of aether besides the downward direction

to be implemented in nature. These "other streams" with different directions have the same mathematical properties as gravity via Einstein's Principle of Equivalence, and we remember that these forces are called inertia. Therefore, a gyroscope in rotation can harness and "throw off" the aetheric energy force of inertia in the same way that it "throws off" free electrical energy when it is magnetized. In rotation, the normally downward-streaming aetheric force of gravity is then redirected and radiated out the sides of the gyroscope, thus lowering the object's weight.

As a perfect scientific example of this phenomenon that made it into the mainstream media, we can cite parts of an article that was featured in The Electronic Telegraph on Sunday, Sept. 21, 1997:

Scientists 'beat gravity' using a gyroscope

By Robert Matthews, Science Correspondent

A TEAM of scientists backed by a leading Japanese multi-national company claims to have found a way of generating "anti-gravity" using nothing more than a spinning gyroscope. Although the claimed effect is extremely feeble - amounting to a loss in weight of just one part in 7,000 - the team insists that it cannot be explained away as experimental error. Such claims have been circulating for at least a decade and have always been surrounded by controversy. According to conventional physics, it is impossible for any object to generate anti-gravity, or even screen out its effects...

Now new fuel has been added to the antigravity controversy by Hideo Hayasaka and colleagues at the Faculty of Engineering, Tohoku University, Japan, together with Matsushita, the Japanese multinational. The team has carried out a new set of experiments aimed at detecting anti-gravity generated by a small gyroscope.

The principle behind the experiment is very simple. After spinning up the gyroscope to 18,000 revolutions per minute, it is put inside an airtight container and allowed to fall between two laser beams. These record how long the gyroscope takes to fall nearly 6ft between the two beams. Any reduction in the strength of the gravity reveals itself in a slight increase in the time it takes to fall the 6ft.

In a series of 10 runs, the team found that the gyroscope took about 1/25,000 of a second longer to fall when it was spinning than when it was stationary - equivalent to an anti-gravity effect of just one part in 7,000...

This article clearly shows us that the evidence has indeed been "leaking" out into the media, though it was not from any American scientists, nor an American newspaper. Other studies show that this phenomenon is certainly not limited to gyroscopes alone. In Zhang Chengbin's Ph.D. dissertation Unified Theory of the Universe, he mentions the anomaly of how a speeding, rotating bullet can travel long distances, experiencing little or no change in its trajectory from gravity. In the same dissertation he reports that Japanese scientists discovered that an electric top would measurably reduce its weight when rotating as well. This fact was illustrated in Wang Jiancheng's Answers to the Unsolved World Mysteries, New World Press, China, 1994.

So, the Matsushita-sponsored research team's 1-in-7,000 reduction in gravity is hardly cause for great celebration, but it obviously shows us that a fundamental principle is at work that cannot be ignored, and which flies squarely in the face of currently accepted models of physics. [1, 2]

6.2 DEPALMA'S FORCE MACHINE

Thankfully, in Dr. Bruce DePalma's Force Machine, an antigravity effect much higher than 1-in-7,000 was produced, though you would never know it from consulting the mainstream media. In DePalma's device, two magnetized gyroscopes were mounted side-by-side within a cylinder, (see next image,) spinning in opposite directions to each other- one clockwise and the other counterclockwise. Both gyroscopes (here referred to as flywheels) were in the same position, with the bottom of their axles pointing straight downward and the top of their axles straight upward.

The cylinder that held these gyroscopes in place was then also made to rotate from its side, causing the axles of the gyroscopes to continually rotate end-over-end in the vertical plane like spokes in a spinning wheel. Since the inertial forces generated by the gyroscopes cause them to naturally resist being moved out of position, even more aetheric energy could be harnessed by forcing them to do so. And as we said in the last chapter, defying gravity is as simple as gathering some of the downward-streaming aetheric energy and redirecting it off to the side, like the bending of a hose. This redirection can be accomplished by simple rotation.

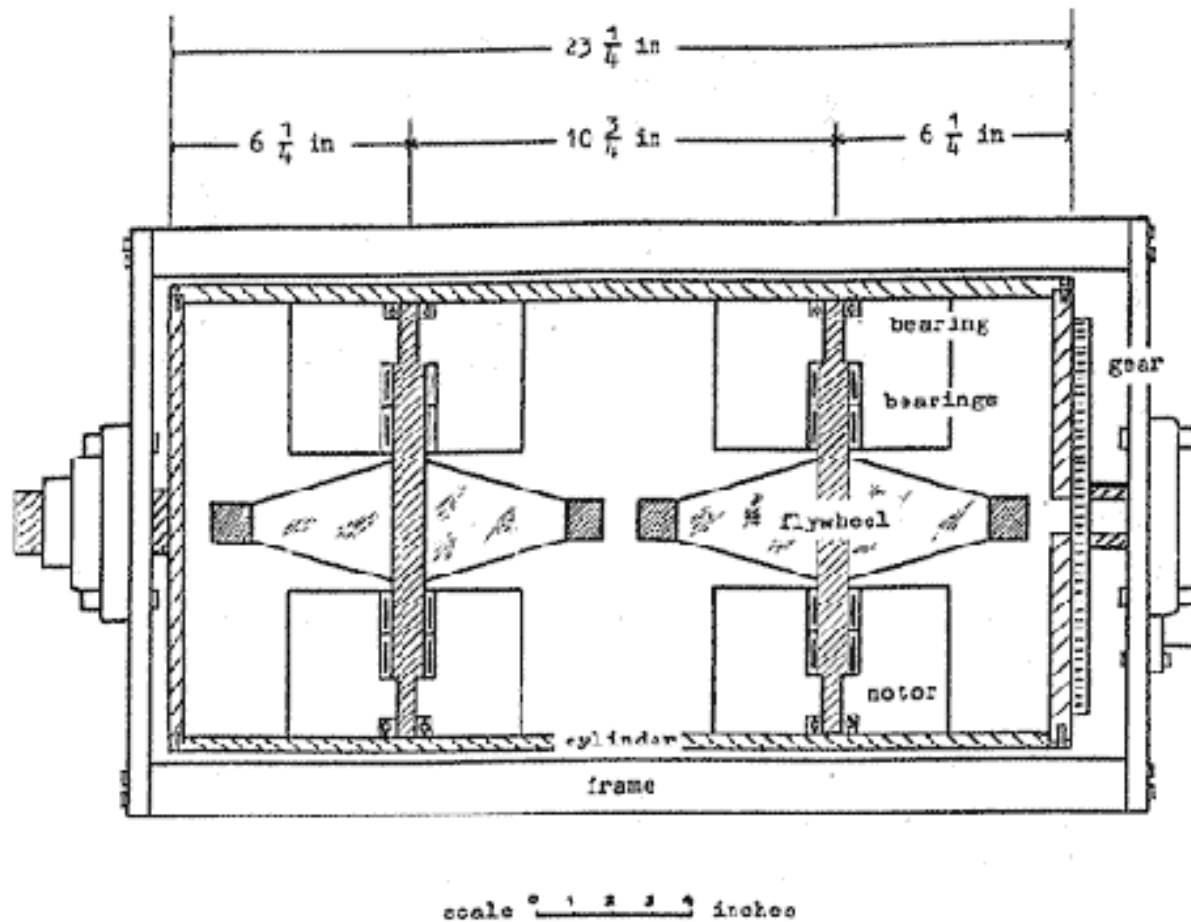


Figure 1. The Force Machine

Dr. DePalma's "Force" machine would initially weigh 276 lbs. before being activated. The gyroscopes would be driven in counter-rotating directions at 7600 rpm each, and then the entire cylinder would be rotated or precessed at 4 revolutions per second. (See the "Precession" section below.) Any movement faster than this would create internal forces great enough to fracture the support axles for the gyroscopes, which would destroy the machine. Once the Force Machine was running at this speed, it would repeatedly show 4-6 lbs. of weight loss! This gravity reduction is approximately 100 times more powerful than what was seen in the Japanese experiment cited above. DePalma went on to suggest further design enhancements that would create even more weight loss, such as mounting both counter-rotating gyroscopes on the same axle, thus increasing the strength of the unit and enabling it to precess, or rotate, more quickly. Furthermore, we must not forget that this same machine can generate "free energy" just like the "Sunburst" N-Machine in the last chapter, simply by setting electrical contacts to the inner and outer edges of the discs on each gyroscope. So the redirecting of aetheric gravitational force and aetheric electromagnetic force are both accomplished through the same means; rotation.

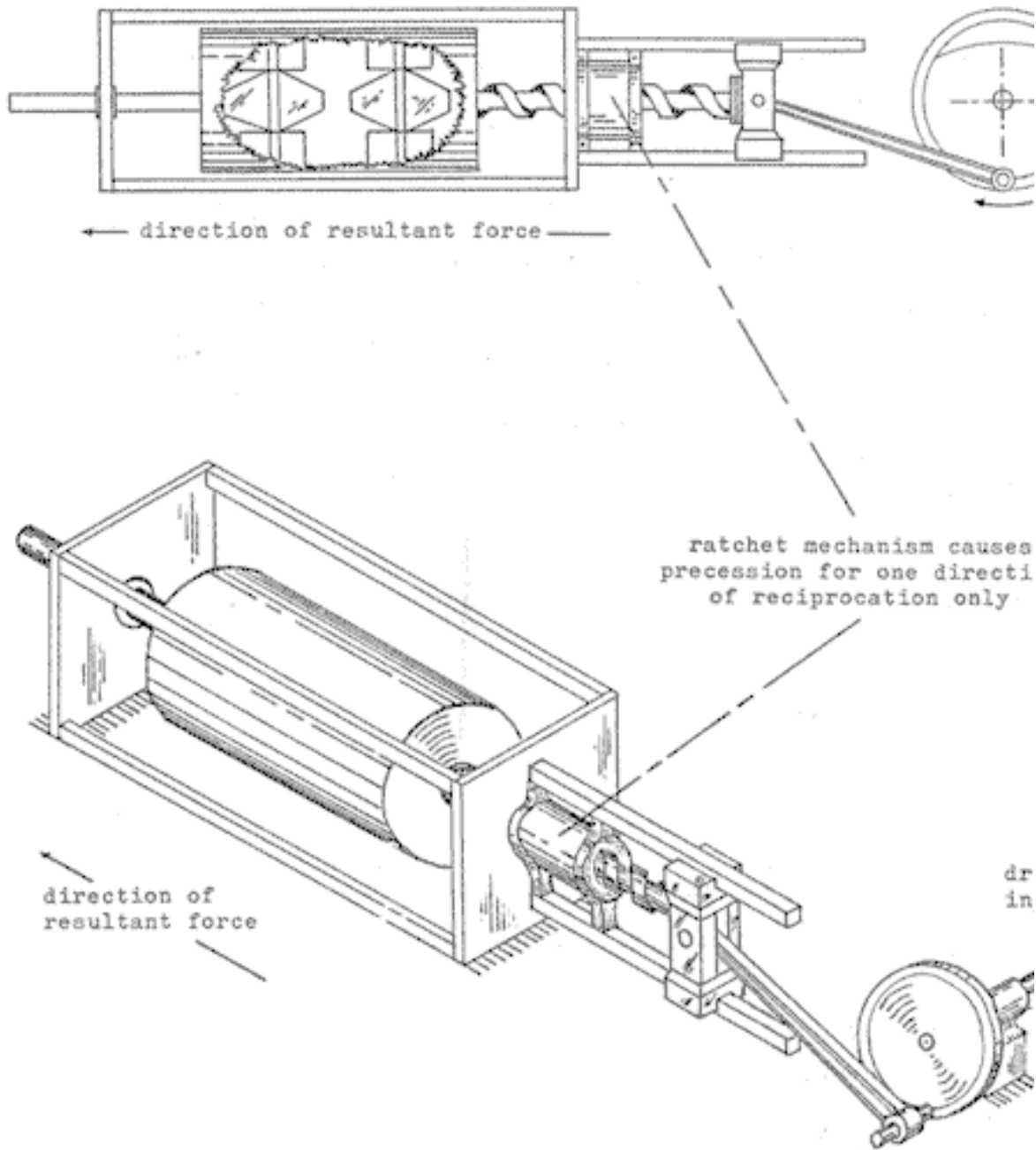


Figure 3. Linear Force Machine (mechanical)

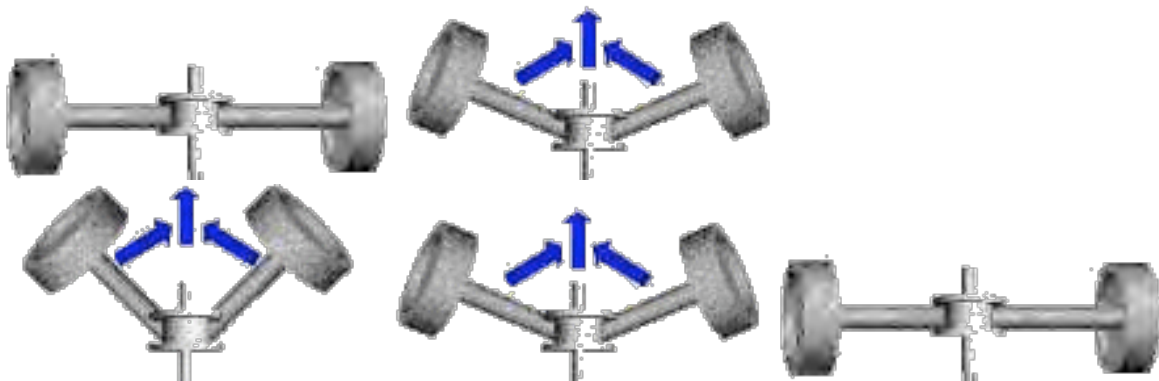
There are indeed many scientists who have approached similar situations as did DePalma, incorporating the anomalous forces of the gyroscope to be used as a method to negate some of the forces of gravity. Although none of the gyroscope-based machines experience a complete weight loss, one researcher by the name of Geoff Russell was able to create such a device "weighing 22lb, which was able to consistently register weight loss or vertical lift pulses of 20lb, give or take the odd oz". This and scores of other similar machines, complete with Adobe Acrobat files of their patents, are all located on the "Gyroscopes as Propulsion Devices" website of Glenn Turner, listed below, which is filled with very useful pictures and information for those who are more interested. Another similar gravity-reducing machine was patented

by Sandy Kidd, and this is mentioned on Turner's website as well as in an article by Dr. Harold Aspden that we have linked to below.

6.3 PRECESSION AS PROPULSION

In order for all the above machines to work, another aspect of a gyroscope's behavior is utilized. A gyroscope will not only resist being moved out of its vertical position, it will also generate force as it attempts to travel in large, circular patterns. These patterns are most easily seen with a spinning top. As the top begins losing its energy, it never simply spirals straight down in the same direction that it was originally spinning; as it destabilizes, it will always begin slowly rotating or precessing in a slow, even circle that is in the opposite direction to its normal spinning motion. These circular patterns are known as "precessional" motions, and they are another aspect of a gyroscope's movement that will occur either in air or in a vacuum and can be used to overcome gravity. So whereas the simple inertia in a gyroscope makes it only resist being moved, the precessional forces actually create motion. And this motion is a definite "Force" that can be engineered, as gravity does not have an effect upon it!

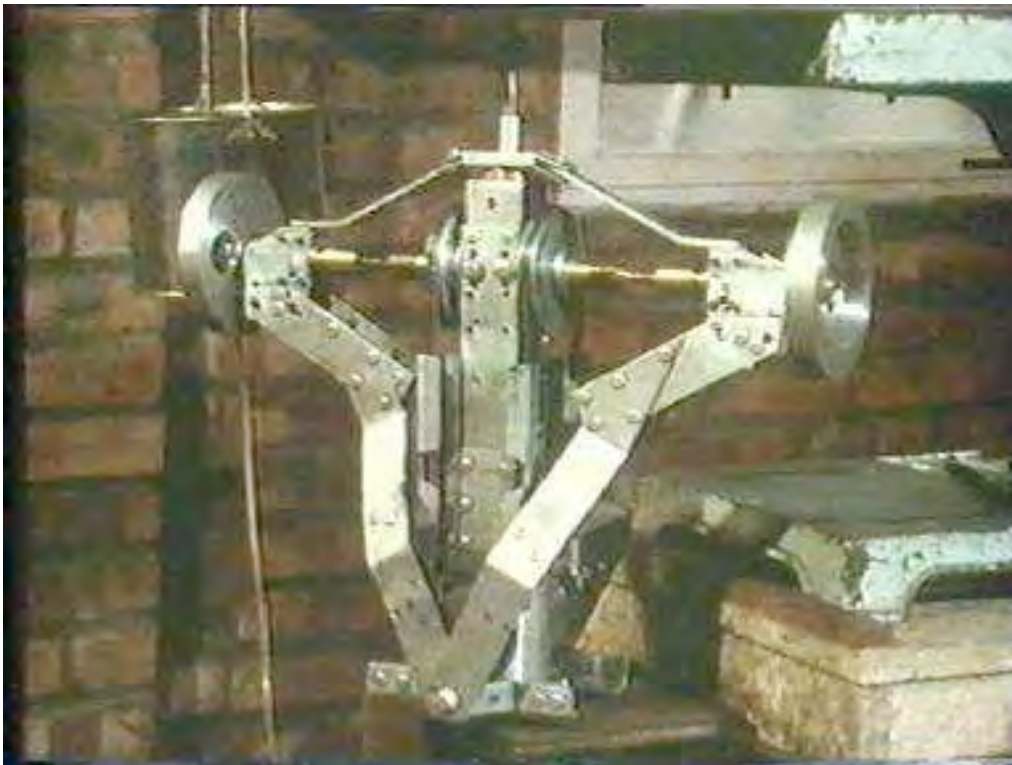
Machines such as those built by DePalma and Sandy Kidd position the gyroscopes in such a fashion that their natural "precessional" motion is forced to only be able to travel in one direction. If this direction is opposite to the force of gravity, then the force of gravity is reduced! Below, we have a five-phase diagram co-opted from Glenn Turner's website that shows us a popular method of how this works, where the sequence of motions goes left to right, top to bottom.



We can see how the gyroscopes naturally attempt to precess upwards, and then are stopped at a certain point and forced to go back down. This effect is caused by the fact that the central axle that holds the two gyroscopes is rotating. In other words, to truly see this in action you must see that the two gyroscopes are whirling around their center axle in giant circles. This creates centrifugal force that presses out from the center. When the gyroscopes move upwards as far as they can go and bump into the metal spool, that same force then pushes them back down.

As we said, the centrifugal force is easily seen by whirling a bucket of water around you in giant circles; if you do it fast enough, no water will spill onto you. And thus, through the clever manipulation of precession and centrifugal forces, this simple design does indeed counteract the force of gravity! In some ways it could even be thought of as the anti-gravity equivalent to the flapping of wings. Each stroke of the gyroscopes produces an additional burst of lifting power. The next image below is of an actual working prototype from

Sandy Kidd that utilizes these concepts – a machine that produces a measurable lessening of its weight when activated.



One of Sandy Kidd's gravity-reducing gyroscopic devices.

So, it appears that with the rotating and precessional motions of the gyroscope alone, we can create significant weight loss. We must remember that this weight loss is caused by the fact that the aether is constantly streaming into and out of all matter in order to create its existence moment by moment. As we said, this streaming movement is the very conscious lifeblood of the Oneness, referred to as the "Breath of the Divine." By rotating an object, such as DePalma did in his Spinning Ball Drop experiment, the object can gather greater amounts of aetheric energy, which we compared to a sponge soaking up water in the last chapter. And in the above cases, effects that are very close to anti-gravity are being discovered and patented, so that whenever society finally realizes that such devices work, these inventors will be able to get the credit that they deserve! As the prototypes stand right now, they could be used for land travel, such as in an automobile design, or space travel. Since the machines can generate a force in whatever direction you point them, they will work much better in the "vacuum" of empty space, since they would not have any gravity to resist their motion through the aether.

6.4 FINLAND'S ANTI-GRAVITY EXPERIMENT

Even the mainstream world was privy to a demonstration of how the force of gravitation could be overcome – a story that actually broke into the worldwide media and attracted some attention. This recent discovery was set forth by Dr. Eugene Podkletnov from Finland. We are including it here because it is a perfect segue' into the point of this chapter, which is to show that when the effects of magnetism and rotation are combined together, gravitational effects can be observed. Of course, very soon after this research was released to the public, a cadre of well-paid "debunkers" with extensive media coverage and

advanced degrees rushed in to attack, de-legitimize, ridicule, threaten and effectively destroy this team's work. Since most of the world public assumes that these are the "authorities," they don't realize that there are definite, urgent political motivations that fuel these sudden outbursts. The global elite do not want these technologies developed independently; they want complete control of the process every step of the way. The entire debacle created such totally unexpected trauma to the group that they completely dissolved their project, even though it was easily replicable, scientific fact. Anyone who wants to make breakthroughs in these areas should expect such events as par for the course.

Podkletnov and his team unexpectedly stumbled over this anti-gravitational effect while they were working with superconductors, which are materials that lose all resistance to electromagnetism at extremely low temperatures. So, if you have a material that can conduct electromagnetic energy with no loss of power, then you have something very powerful indeed, based on our new understandings of how the aether energy can be harnessed as electromagnetic fields. Philosophically speaking, a superconductor is a material that is very close to being in true harmony with the Universal Oneness, thus providing a perfect means for that conscious energy to travel through it.

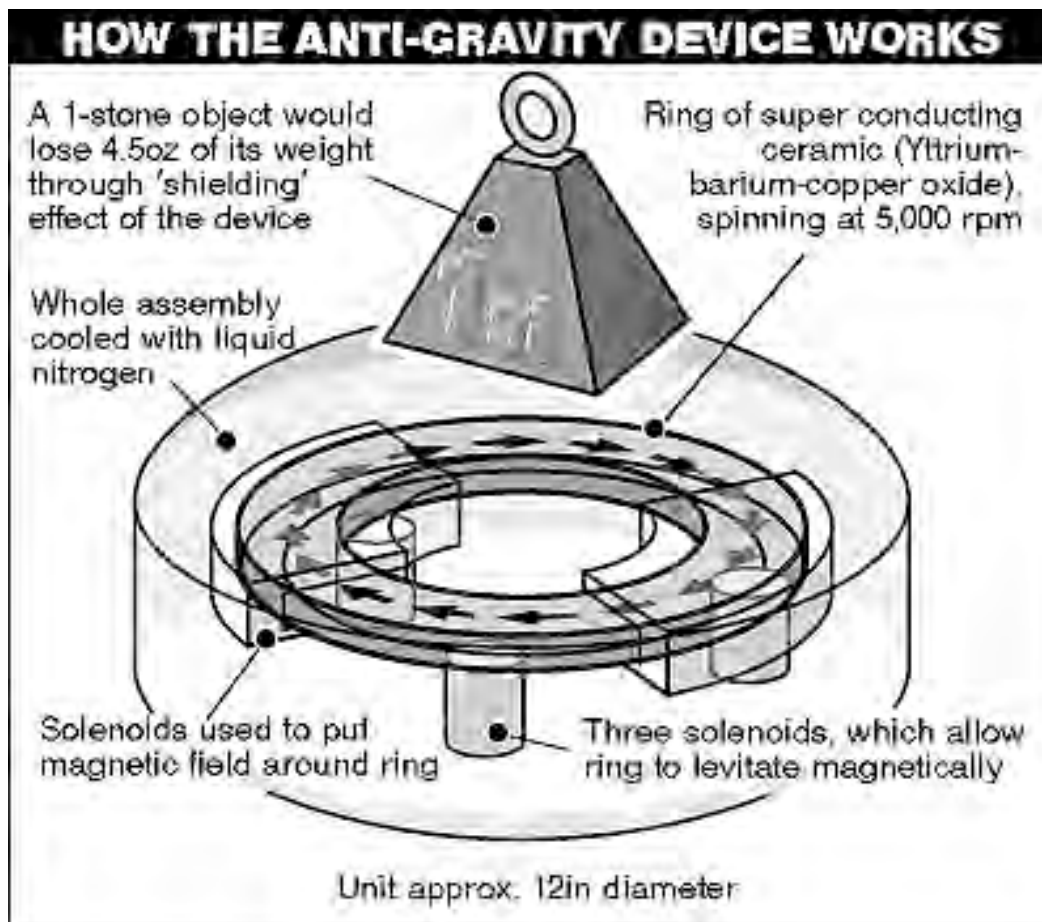
From page three of the UK's Sunday Telegraph, September 1, 1993 issue, the following excerpt is a part of what was reported about this remarkable experiment, before the attacks ever started:

The team was carrying out tests on a rapidly spinning disc of superconducting ceramic suspended in the magnetic field of three electric coils, all enclosed in a low-temperature vessel called a cryostat.

"One of my friends came in and he was smoking his pipe," Dr. Podkletnov said. "He put some smoke over the cryostat and we saw that the smoke was going to the ceiling all the time. It was amazing -- we couldn't explain it." Tests showed a small drop in the weight of objects placed over the device, as if it were shielding the object from the effects of gravity - an effect deemed impossible by most scientists.

"We thought it might be a mistake," Dr. Podkletnov said, "but we have taken every precaution." Yet the bizarre effects persisted. The team found that even the air pressure vertically above the device dropped slightly, with the effect detectable directly above the device on every floor of the laboratory.

Interestingly enough, the key to Dr. Podkletnov's device may not have anything directly to do with the superconducting disc. It appears that the effect is actually being caused by the magnetic forces that the disc focuses and conducts as it rotates. In the next diagram, we can see that three solenoid magnets, or magnets that create "push" in a certain direction, are supporting the superconducting ring, allowing it to levitate slightly. Then, similar to the engines that we looked at in the last chapter, two more solenoid magnets surround the disc, thus creating a force that causes the disc to spin.



[Note from Institute for New Energy: One stone is about 14 lbs. per Dan York]

Anyone can see that we have two different magnetic fields working together in this device, and the motion of the superconducting disc is causing these fields to rotate. If we remember Dr. Harold Aspden's work which we covered in the last chapter, we would see that when you rotate a magnet, it appears that the magnetic force inside behaves more like a swirling fluid than our contemporary views of energy would allow. (Dr. Aspden showed us that it takes ten times less energy to rotate a magnetized gyroscope if it had already been rotating less than 60 seconds earlier; the magnetic energy seems to continue to "swirl" inside once the object comes to rest.) And in Podkletnov's device, we are now seeing a direct reduction in the force of gravity by the combination of magnetism and rotation.

6.5 LEVITY

In order to understand how Podkletnov's experiment could be working, we must invoke a new idea in our gravity concepts. Though we will explore this in more detail in Chapter Nine, it is important that we mention it now:

The force known as "Levity" pushes up from the Earth at the same time that gravity pushes down.

Normally the downward force is stronger than the upward force, and the balance between the two is what we have named the "gravitational constant."

This balanced interplay between forces is a natural consequence of the ever-

persistent breathing motion that occurs within all matter in the Conscious Universe. Gravity is action towards a center, and as Walter Russell suggested, when reaching the center new matter and energy is created and radiated outward. This is yet another area in which our "extraterrestrial" communities have made significant progress that we have not yet realized.

And so, "Levity" is created due to the fact that not all of the aether that streams into matter is simply disappearing – just like the whirlpool in the river, some of the water flows back out of the whirlpool after it is created, even though the majority of the water flows down into the vortex itself. Therefore, some of the aether that creates matter will always be re-radiated back out of the object in the opposite or reverse direction. (We will discuss levity much more clearly in the ninth chapter when we discuss John Keely's system of sympathetic vibratory physics.)

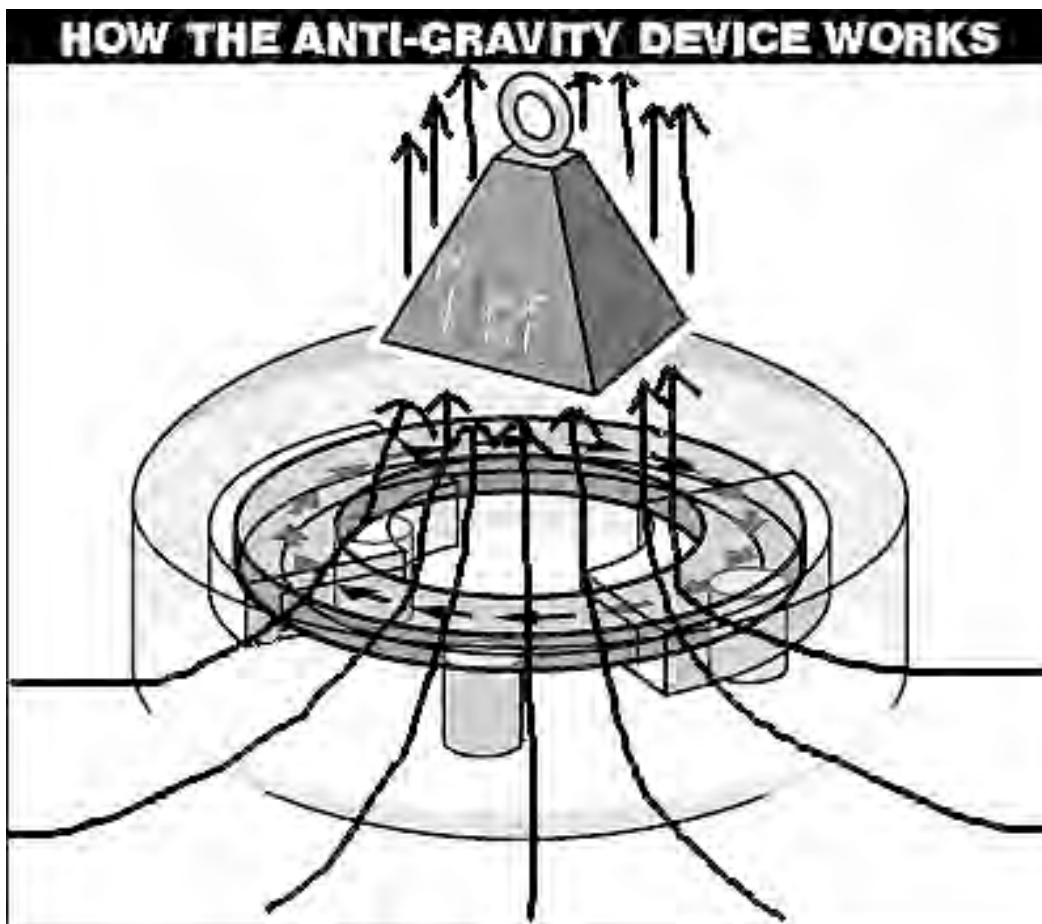


Diagram of "Levity" force in action in Podkletnov's experiment.

If the oppositely-polarized "Levity" force of aether really does exist as Gravity's counterpart, then it could very well be that the magnetism and rotation of Podkletnov's superconducting ceramic disc was enhancing the strength of this upward flow, concentrating it inwardly from the surrounding aether in a laser-like fashion. If this were what is indeed going on, it would explain why the anti-gravity effect and reduction of air pressure continued in a straight column above the machine and even through the upper floors of Podkletnov's building as well.

To explain in slightly more detail, the upward-pushing magnetic force from the

solenoids that levitate the disc create the initial impulse of magnetic energy that enables the system to begin functioning, and the rotation of the superconductors allows these upward-streaming magnetic/ aetheric energies to become quite concentrated. If you were to look at the above picture again with this in mind, you could draw in some simple lines of force that treated the disc like the drain in your kitchen sink, only upside down. The surrounding aether would flow in through the bottom and "drain out" through the top, continuing on upwards.

6.6 GETTING OFF THE GROUND: THE SEARL EFFECT GENERATOR

And so, the ultimate question that we must ask ourselves is whether or not these technologies that incorporate rotation can actually overcome the force of gravity completely. All of the above machines can certainly create measurable weight loss, but the gyroscope method seems to not quite harness enough energy to produce levitation. After all, the Finnish experiment by Dr. Podkletnov is only capable of reducing weight by two percent per ring that is used. There must be a better way!

Indeed, other controversial researchers have indeed found a way to work around this problem, and once again magnetism comes to our aid. We remember that magnetism harnesses the aether very directly, and its effects are quite measurable through many of the experiments that we have discussed. In the case of the Searl Levity Disc, Prof. John R.R. Searl used a series of custom-made magnetic cylindrical rollers that rotated within a nested series of magnetic rings. (The next image shows just one ring, surrounded by one layer of rollers.) A special elemental metal called "neodymium" was added to give the magnets a high degree of strength. And indeed, if you try to buy neodymium magnets, they are only sold with strict warnings due to their power. If the magnets attract each other together they can shatter, and protective eyewear is necessary to guard against the damage that the fragments from such a collision could create. So, the amount of energy that these powerful magnets could harness on their own, coupled with their rotation, was more than enough to create levitation. Dr. Searl named this lift "The Searl Effect" for obvious reasons.

Since Prof. Searl's work is the most well-documented account of complete anti-gravity propulsion on record, a bit of historical background is worthwhile here. Prof. Searl worked for the Midlands Board in Australia as an electric fitter in 1949, and conducted experiments in electricity due to his own interest in it. While working on electric motors and generators, he noticed that the spinning metal parts were creating a small current of electromagnetic energy, with the positive pole towards the center and the negative pole out towards the rim. By now this should be familiar to us. Then in 1950, he was working with rotating slip rings and again measured a small current of electromagnetic energy emerging from the ring edges. He also realized that his hair would bristle if he allowed the rings to rotate without trying to draw current from them. From these observations, he concluded that the centrifugal force of rotation in the metal was causing free electrons to be spun out. In this sense, he made highly similar discoveries as Dr. DePalma regarding the ability to draw current out of a rotating magnetic object, only in his case he found the effect in metal that wasn't magnetized. Furthermore, he believed that the electrons he measured were coming from the atoms in the rotating metallic pieces themselves, and not from the free aetheric energy of the universe.

Later, he would obviously change his mind!



Simplified diagram of Searl's system of magnetic rings and rotating magnetic rods.

In order to engineer this principle into a working prototype, he constructed a generator that is now referred to as a Gyro-cell, pictured above. The above image is a simplified version of what actually involves three concentric rings and three sets of rolling cylindrical rods. A layer of nylon is attached to each ring in order to control the rate at which the electrons emerge, which allows for an even output of energy; otherwise it works in sudden bursts instead of a smooth flow. At first, back in 1952, this was simply built as a generator that was about three feet in diameter. Searl and a friend tested it outdoors, and a small engine was used underneath the generator to start the rollers in motion around the rings. All Searl was expecting to see was a certain amount of electrical power generated by the device. This did indeed occur, and at a much higher potential than he had imagined. The effect was strong enough even at relatively low speeds that 10.5 volts was created – and it could be measured by the static charges that would emerge on nearby objects.

6.6.1 LEVITATION AND IONIZATION

As the generator continued to pick up speed, Searl and his friend were shocked to see the generator break away from the engine that had started it in motion and levitate to a height of 50 feet above the ground! It maintained this altitude while continuing to move at a faster and faster rate by itself, and a pink glow of ionized air appeared around it. While this was happening, the electromagnetic charge in the air around them rose so highly that all the radio receivers in the area spontaneously turned on by themselves, which must have only added to the reeling mystery and fascination that they were experiencing. Finally, the generator shot up into the sky at a tremendous speed and appeared to completely leave the Earth's atmosphere.

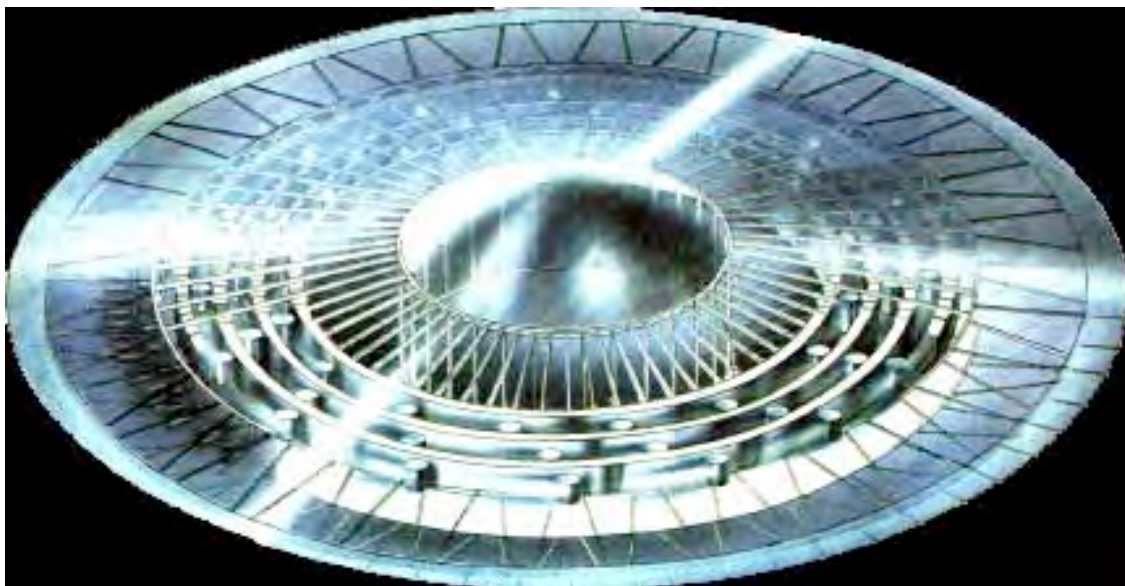
Once he saw the end result of his new invention, Searl realized that he was

working with a profound new discovery that went way beyond the creation of a generator for electricity. Expecting the levitation effects to continue, he mounted the Gyro-cell generators into disc-shaped crafts that did not need to be attached to the ground to be powered up. Over the course of time, ten different craft were built, and indeed, the anti-gravity effect was so powerful and uncontrollable in the early phases that many of the prototypes were lost! This continued to be a problem until Dr. Searl learned how to change and control the amount of upward thrust that the rotating magnets were providing.

6.6.2 ELECTROMAGNETIC MOVEMENT CONTROL

The way that he discovered how to control the movement of the craft was quite humorous, and more than a bit embarrassing. After years of work in Australia, Searl had finally gotten enough clout and scientific reputability that he had attracted some media attention. A television crew had arrived to attempt to film this levitating craft in action. To Searl's horror, although the Levity Disc had reliably worked in front of many different witnesses, in the presence of the camera it would not rise at all! Clearly this must have been a disappointing and highly perplexing moment, to say the least!

However, a short time later this led Prof. Searl to discover that the electromagnetic fields from the camera had directly affected whether the craft would levitate or not. This was his big "Eureka" that led him to develop a way to change the amount and direction of thrust, thus gaining the ability to fly the craft as a remote-controlled device. The Levity Disc was flown on repeated occasions for many different witnesses, and the entire story is located on his website, linked below. Larger craft have also been built, some at a width of 12 feet and two that were actually 30 feet in diameter. Numerous articles discuss Searl's invention on the Institute for Free Energy website and in various editions of the New Energy News journal. It is often considered the most popular anti-gravity prototype, because it has also been the most successful.



Interior of Searl Levity Disc, showing magnetic rings and rods.

The above image is a see-through diagram of the interior of the flying anti-gravity disc. The three concentric magnetic rings with the rotating magnetic cylinders surrounding them are clearly seen in this picture. Were you to see it

with the outside metallic layer in place, it would simply look like a "flying saucer."

6.6.3 SELF-SUSTAINING POWER GENERATION

Interestingly enough, with the Searl device we again come back to a working free-energy system as well, as a result of harnessing electricity from the powerful rotating magnets. John Thomas has studied and written about Prof. Searl's discoveries quite thoroughly in his book *Anti-Gravity: The Dream Made Reality*, and there he reveals that the power source for the device was self-sustaining once a certain amount of current ran into it, in order to get it started. It literally generated its own energy from the surrounding aether, and thus could function indefinitely with no source of stored power in the device. This shouldn't be much of a surprise to us, after we saw the "sprinkler" effect from Dr. Bruce De Palma's "homopolar generator" and later the "Sunburst" N-Machine that was independently tested and verified by Dr. Robert Kincheloe.

6.6.4 "MATTER SNATCH"

We have already mentioned the fact that the Searl Disc could be seen to have a pinkish glow around it, even though it was nothing more than a series of rotating magnets and did not possess any elements that were specifically designed to give off light. Also, in John Thomas' book it is revealed that the gravity-neutralizing effects included a certain amount of area around the device, not just the device itself. This area was called the "neutral zone" and it extended around the bottom and top of the disc. So, when it would first take off, some of the land from the surrounding countryside would be contained within this neutral zone and would be caught up in the device's gravitational field as it took off! And thus, Thomas writes:

"It can be seen from the gravity field diagram that a neutral zone appears below the craft as well as the neutral ring above, when the levity drive is on. If matter becomes located in the zone, then it is held there.

In consequence, the Searl craft so far made have left their mark on the country-side in the form of large, neat holes when they suddenly take off. The chunk of earth is taken up with it, [and this is] called "matter snatch..."

The only hazard so far observed is that if the craft hovers for too long near the ground the soil becomes burnt due to the electric currents in it which build up heat. Also the nervous systems of animals are interfered with by ionizing discharge if they come too near. "

6.6.5 THE LONG ROAD TO PUBLIC ACCEPTANCE

With the Searl Disc we can see that the technology to actually overcome gravity for propulsion already exists. By 1968, Prof. Searl had the SEG ready for commercial use, but he found total failure in getting his invention commercially applied. The magnets were very expensive to produce, as neodymium is a rare element and all the magnets had to be created at the same time in order for the device to function properly. Thus, it wasn't easy for him to make new prototypes, as proper funding was simply not available. However, he had all of his home's electric power running off of an SEG, and in 1983 he was jailed for ten months for allegedly "stealing electricity" off of the

power grid. The local electricity board did not believe that he was using the SEG for power. While he was in jail, a "mysterious" fire destroyed all his experimental data and all prototypes that he had created, and his wife left him. By 1990 he was quite despondent and ready to completely give up any further work on the project, but then things started to change; people sent him financial donations to keep him going, and an American offered to publish his book. Subsequently he was able to publish several more books and there have even been inquiries about a movie of his life being made, with Sir Anthony Hopkins portraying him.

Obviously we have not given all the technical details of how the SEG functions, and we encourage our readers to support Prof. Searl's work by visiting his official website and purchasing some of the reading materials that his team now has to offer in order to get more details. With the proper funding, the expected results should be immediately forthcoming, and a design application ready for commercial use could be quickly rolled out to the public.

6.7 INDEPENDENT CONFIRMATION OF SEARL'S RESULTS

Once again, financial destruction and loss of all working prototypes is responsible for why no one has seen or heard anything about the Searl Levity Disc in the media in recent years. In fact, on the official Searl website there is still a fund-raising project in effect to try to finance the construction of another unit. However, as of late Summer 2000, an independent Russian team was able to verify the Searl Effect in their own experimental version. They did not design their machine to be able to lift off of the ground, but nevertheless they were able to "push it" as far as it could go and register a highly significant anti-gravity effect. This will be covered in more detail in the next chapter, as it leads us to some startling revelations. So, if a skeptic comes along and tries to discount Prof. Searl's work, the simple fact is that it has finally been replicated by a professional team of scientists. And again, the reason why you haven't heard anything about this before is that it happened outside of the Western media umbrella.

6.8 GLOWING SPHERICAL MAGNETISM

As we examine the information that we have gathered in the last two chapters, we are left with the realization that these anomalous gravity-defying behaviors are due to the natural ability of all objects to harness the unseen "implicate order" of aetheric energy flow that creates all "explicate orders" of the matter that we know on a moment by moment basis. In our last chapter, we defined magnetism as nothing more than a directional flow of aetheric energy, and rotation is yet another way to create this directional flow. Thus, when the forces of magnetism are combined with the rotation, the aetheric flow can be harnessed in a much more directional way than could occur with either one of them by themselves; the aetheric currents can be focused in the direction that you want them to go, and the surrounding matter will follow. If you harness these currents to oppose the downward flow of gravity, then they will reduce their gravitational mass, if not reverse it entirely.

In the next chapter, we will discuss the logical continuation of the arguments that are raised by the behavior of the Searl Levity Disc. Why is it that when the purely magnetic propulsion system of the disc is powered up, a glowing light is produced? Could this have any connection with the currently

inexplicable phenomenon of "ball lightning?" What we will see is that understanding this phenomenon of "glowing magnetism" provides a vital key in decoding the hidden structure of the Universe. Many different theorists, both past and present, continue to turn up this information and relate it to the harmonic and energetic properties of a sphere, hence the term "spherical harmonics." Indeed, we can show without any doubt that the Unified Field theory must incorporate spherical harmonics; it is the only system that will allow for the various observed forces such as gravity, magnetism and electrostatics to synthesize together. Any magnet of any kind will automatically produce a spherical field around itself, and let us not forget that the "curved" space around the Earth formed by its gravity is required to be spherical in shape as well. And as we have stated previously, the sphere is the ultimate Unity of vibrations for all other forms of three-dimensional geometry that we will be looking into.

Then, in Chapter Nine we will see that there might even be simpler ways to create anti-gravity, using nothing more than pure sound resonances. There is indeed evidence to suggest that if an object can be brought into perfect harmonic resonance, its resistance to the downward-streaming aether flow of gravity can be dramatically reduced, hence forming an anti-gravity effect yet again.

6.9 RECAP

6.1 Hideo Hayasaka and colleagues at the Faculty of Engineering, Tohoku University, Japan, together with Matsushita, the Japanese multinational, found a weak but measurable 1-in-7,000 decline in gravity by dropping a rotating gyroscope. In Dr. Bruce DePalma's case, two spheres are catapulted into the same trajectory, one rotating and one stationary. The rotating sphere shows distinct gravitational and energetic changes when compared to the non-rotating sphere. This shows that simply rotating an object decreases its observed mass.

6.2 Dr. Bruce DePalma's Force Machine demonstrated an effect approximately 100 times more powerful than the 1-in-7,000 gravity reduction seen in the Japanese experiment. This effect was produced through rotation and "forced precession."

6.3 Data from Sandy Kidd and Glenn Turner show that the force of "precession" can be used in a variety of propulsion and anti-gravity devices, with significant effects.

6.4 Dr. Eugene Podkletnov discovered an anti-gravity effect above a rapidly spinning disc of superconducting ceramic, which was suspended in the magnetic field of three electric coils, all enclosed in a low-temperature vessel called a cryostat. This actually appeared in the mainstream media but was quickly suppressed and recanted due to the extreme political forces that oppose these discoveries.

6.5 The force known as "Levity" pushes up from the Earth at the same time that gravity pushes down. Normally the downward force is stronger than the upward force, and the balance between the two is what we have named the "gravitational constant."

6.6 The Searl Levity Disc showed a complete overcoming of the force of gravity. Prof. John R.R. Searl used a series of custom-made magnetic cylindrical rollers that rotated within a nested series of magnetic rings to produce this effect.

6.6.1 Once powered up, the Searl Levity Disc would rise to a height of 50 feet above the ground and remain stable as its speed of rotation continued to increase. As this occurred, all the radio receivers in the area spontaneously turned on by themselves. A pinkish glow of ionized gases would be seen around the device as this occurred.

6.6.2 In the presence of a television camera, the Levity Disc would not rise at all! Prof. Searl later realized that this was due to the camera's electromagnetic field, and from this discovery he was able to devise an electromagnetic control system that allowed him to move the disc as it traveled through space.

6.6.3 The Levity Disc had an increasing, self-sustaining energy current that would move through it once it reached a certain rotational speed.

6.6.4 Some of the land from the surrounding countryside would be contained within a spherical "neutral zone" that formed around the disc, and would be caught up in the device's gravitational field as it took off.

6.6.5 By 1968, Prof. Searl had the SEG ready for commercial use, but he found total failure in getting his invention commercially applied. In 1983 he was jailed for ten months for allegedly "stealing electricity" off of the power grid. A "mysterious" fire then destroyed all his experimental data and all prototypes that he had created, and his wife left him. By 1990 he was quite despondent but he then received financial donations, book offers and possible movie offers, which did not actually pan out.

6.7 As of late Summer 2000, the Roschin / Godin team in Russia was able to replicate Prof. Searl's results. This will be covered more in the next chapter, and lends dramatic scientific validity to the entire picture.

6.8 In the next chapter, we will cover the spherical properties of "glowing magnetism" and examine clear evidence of their appearance in nature.

MASTER LIST OF ANTIGRAV / FREE ENERGY LINKS:

Official Website of "The Searl Effect"

Glenn Turner's "Gyroscopes as Propulsion Devices"

Everything you ever wanted to know about gyroscopes and how they can be used for propulsion. A complete list of patents that can be downloaded, and a plethora of illustrations and articles.

Sandy Kidd's Gyroscopic Levitation Device:

Here Dr. Harold Aspden comments on Kidd's device, also mentioned on Glenn Turner's website.

Bruce DePalma's Main Website:

All documents from Bruce DePalma's research, including pictures and descriptions of the Spinning Ball Experiment, N-Machine and Force Machine. Also included are links to Paramahansa Tewari, who worked with similar ideas on a very advanced theoretical / mathematical level.

Institute for New Energy:

Considered by many to be the master website for learning about cold fusion, free-energy aetheric engines, anti-gravity propulsion and all related topics.

Keely Net Alternative Energy - Master Website:

This site also is absolutely loaded with information about aetheric theory and the applications of it as applied to free energy and anti-gravity. Content draws heavily off of the harmonic aether theories of 19th century physicist John Keely.

Theories of the Aether Website:

This is an excellent source for those doing specific research on the aether. Many different articles will be found at different levels of technical sophistication- and there is a great degree of commonality among them, which we have attempted to fuse together in this book.

Leading Edge Research Alternative Energy Technology:

This site is another extensive list of links, many of which are already indicated above but also many more that are not. Its value was indispensable in our research on these areas.

Oil City Research Page:

A collection of interesting tidbits on aether and the like from a fossil fuel research team that is unafraid to look into new energy concepts. Contains latest version of Zhang Chengbin's work on the "Unified Theory of the Universe."

CSETI Additional Position Papers:

Contains a small section of links on alternative / suppressed technologies, among other things.

CHAPTER 07: THE AETHER AS SPHERICAL LIGHT AND SOUND

CHAPTER 07: THE AETHER AS SPHERICAL LIGHT AND SOUND

7.1 GLOWING MAGNETISM / BALL LIGHTNING

We started off this book with a description of the energetics of the aether, followed by the idea that the aether is arguably a conscious energy, the working substance of the Ultimate Being that we are all very much a part of. Then, we suggested that the basic components of vibration – light, sound and geometry – would ultimately reveal themselves to be a fundamental aspect of how the aether functions in the creation of space and time. In the last three chapters we have now seen that this same Breath of Life can be harnessed by rotation and magnetism, as well as consciousness, to produce anti-gravity and potentially limitless free energy. While we investigated several devices that could deter gravity somewhat, the Searl Levity Disc appears to have been able to completely defeat it. (For those interested in pursuing these matters further, Townsend T. Brown also appears to have produced working anti-gravity propulsion through the use of extremely high levels of electrostatic energy.)

Our knowledge of the aether, its intrinsic connection to consciousness, its background structure as a fluid-like energy substance and its ability to be harnessed with technology is certainly expanding as we proceed. What we will begin to see in this chapter is how our three main components of vibration – light, sound and geometry – emerge as the unifying forces at work in the structure of the aether. The geometry we will deal with in this chapter is that of the sphere, as its presence is most fundamental to all future chapters, and we will focus on the connection between aetheric energy, spherical geometry and light.

In the last chapter we mentioned John Thomas' article, which gives tremendous insight into the operation and properties of the gravity-defying Searl Levity Disc and how it relates to magnetism and aetheric energy. [Link to this article.](#)

In this excerpt from Thomas' book *Anti-Gravity: The Dream Made Reality*, the work of obscure Austrian physicist Karl Schappeller (d.1947) is cited to explain the unusual effects associated with the Searl Levity Disc, and to provide a tangible explanation for how it might function. As we indicated before, one of the most bizarre effects that was produced by the Levity Disc was a pink to blue glow that would be seen around the craft while it was flying in air. This is called "ionization," and it occurs naturally when gas molecules get charged up with enough electromagnetic energy that they start emitting photons; emitting light. Since the Searl Effect is caused by nothing more than powerful rotating magnets, this bizarre visual effect makes us ask some deeper questions as to the nature of magnetism itself. Why indeed can certain forms of high-energy magnetism be seen to glow, and does this glowing have anything to do with the reason for why the Levity Disc defeats gravity whereas other devices have not? Schappeller's work, which provided inspiration for Professor Searl in the first place, appears to have the answer.

In brief, Thomas' article gives us a view of magnetism that should now be familiar to us, namely that magnetism is an area where the surrounding aether is being gathered together to flow in one direction. In reality this is not hard to envision, because we have already shown how a magnet can concentrate, focus and circulate the aetheric energies in a much more directional fashion than a non-magnetic material could. In this article the term "Primary Magnetism" refers to the magnetism that we are normally aware of in everyday life, and Thomas defines it as "a large-scale movement of aether." In the following passage, (which we have edited to enhance comprehension, removing some words and adding others) Thomas goes further to suggest that:

Primary magnetism [causes] a gathering of the surrounding [aetheric] space fabric and from [that fabric,] it [releases] more fundamental energy as an intensification of the primary magnetism.

At a certain stage, the system [reaches] an equilibrium [or balance, as it is] gathering [the surrounding aetheric] space fabric, and from [this fabric,] energy [is then precipitated, or produced.]

When the [density of the energy gathered by the magnetic force in an area of so-called "empty space"] [reaches] a required level, matter [will be] produced. The system would take up a spherical form in the "natural" state and become what Schappeller called "glowing magnetism..."

The existence of "ball lightning" has now been accepted but as yet [it has] eluded explanation, except that attempts have been made without the usual mathematical substantiation. The peculiar anti-gravitational [effects created by ball lightning,] the inductive effects [where the lightning is seen to draw in energy from around itself] and the fantastic energy of ball lightning fits neatly in with Schappeller's theory of glowing magnetism.

If magnetism is nothing more than a large-scale movement of aether, then according to the theory, when you have enough of it in motion, a critical threshold is crossed where it starts to produce light (create matter) and radiate heat. At this point, we will bring in an excerpt from Dr. John Nordberg's website writings on ball lightning, in order to better familiarize ourselves with this intriguing phenomenon. Nordberg has taken this same concept of spherical "glowing magnetism," which he simply calls a "ball-of-light," and expanded it into a comprehensive "grand unification theory" of physics that attempts to unify the various forces together and resolve the current incompatibility between Relativity and Quantum Mechanics. Ultimately he believes that the atoms and stars alike are all composed of "balls of light" with similar qualities. Nordberg's theory began with his simple observations of phenomena such as ball lightning, which cannot be explained in conventional models:

There is a very interesting form of lightning called "ball lightning." Many scientists do not believe in this form of lightning because there is no physics theory that can satisfactorily explain it. Obviously, the Ball-of-Light Particle Model [where all fundamental atomic and subatomic particles are seen as self-sustaining balls of light] does explain ball lightning. Ball lightning are balls-of-light [as in the model of physics described here.]

Ball lightning can be created when two strokes of lightning collide. Typically one stroke travels from cloud to ground and the other stroke travels from ground to cloud. When they meet, if polarized correctly, some of the energy can wrap around itself in a semi-harmonic pattern... Sometimes the two strokes are so highly polarized and have such highly matching wave patterns that more than one ball will be created. A string of balls is created. This is the so-called "bead lightning..." Sometimes, cloud-to-cloud lightning will create ball lightning that is visible from the ground or from planes.

Sizes of Ball Lightning

Ball lightning seems to come in certain sizes. One common size is about the size of a basketball. The limit to the size is based upon the energy in the strokes that create them.

Ball lightning appears to be inherently nonharmonic. For example:

- the balls decay quickly -- they are notoriously difficult to capture on film or video
- the balls radiate photons -- after all, they can be seen
- sometimes ball lightning is observed to decay by simply "fizzling" out
- more commonly, ball lightning is observed to decay dramatically in an explosive fashion

As a more personal example of ball lightning, this author's own father (Wilcock) witnessed it while lying ill in his parents' lakeside cottage in the Adirondack Mountains of New York State, an area which often had very intense lightning storms. With explosive sound, brightness and power, a four-inch wide ball of light entered the house through an electric outlet and burned a long, straight line into the carpet as it traveled, exiting with an explosion at the outlet on the opposite wall. Some fire and damage were sustained but he remained unharmed.

7.2 AETHER = LIGHT

So, with Dr. Nordberg's data on ball lightning, we can better understand the implications of Schappeller's research, which created the intellectual foundation for the successful prototype of Dr. Searl's anti-gravitational Levity Disc. Here, we can see that the spherical shape is the "natural state" where the aether flows into our world and reaches balance. It seems that in the case of ball lightning, we have an opportunity for energy to reach this perfect balance naturally, and sustain its existence for a short time. With Schappeller's work, this could actually be reproduced in the laboratory, as Dr. Searl later also replicated. The one key point that we should see here is that when aetheric forces bleed through and reach a point of balance in our own real space, they are visible as light that naturally assumes a spherical shape similar to a soap bubble, in varying sizes.

We have already demonstrated various pieces of evidence, such as the Aspden effect, that suggest that the aether behaves like a fluid in vibration. Remember that either light waves or sound waves could travel through water, and you would still be able to detect them; the water would simply be the medium through which they were traveling. Similarly, it would now appear that light is also the traveling of an impulse of energy through the fluidlike aether medium. We have already suggested that the only thing that "truly"

exists is the aether medium itself; light and sound and geometry, as well as other forces such as electromagnetism and heat, are simply different frequencies that vibration takes on as it travels through the medium. That point cannot be underestimated; nothing else truly "exists" besides the aetheric medium itself.

Einstein assigned the highest possible speed of matter / energy vibration in the universe to light; therefore, light could be seen as the ultimate way to describe aetheric vibrations, to give the aether a simple, unifying identity. We have already suggested that "love" is simply the tendency for the aetheric medium to vibrate in greater unity with Oneness, and now we can add to this the idea that light is the highest vibration of the aether that we can see. Therefore,

Light and Love are interchangeable terms; both represent a vibration of the aetheric energy that is in greater unity with Oneness.

Schappeller and Nordberg both suggest that the sphere is the natural "balance point" for magnetic / aetheric energy, and it is then visible as light. And as we suggested earlier, the simple geometric definition of a sphere is that it is the ultimate unification and balance point for any vibrations. As anyone can see from the films of astronauts in the Space Shuttle, liquids in zero-gravity or free-fall will naturally form into spherical blobs as they float; this is as a result of the equal air pressure pushing on them from all directions. The sphere is the shape of perfect equilibrium that will occur in a fluid when internal and external pressures reach a point of exact balance. Therefore, since the aether appears to have fluidlike properties as well, we could also see the sphere as representing the ultimate equilibrium, the highest vibration, the purest Unity that there could ever be.

Light and Love and the Sphere are all interchangeable definitions of aetheric energy that is in unity with Oneness.

Remember that Light maintains the highest frequency of vibration of all the various energetic fields that we have discussed, in the same sense as the sphere represents this geometrically. Therefore, it should come as no surprise that many different spiritual traditions focus exclusively on Light and Love as being the primary identity of God. In the more esoteric traditions, such as the Pythagorean and Platonic mystery schools and many Eastern teachings as well, the sphere was also associated with God, though often concealed in two-dimensional images of a circle, or especially a circle with a dot in the middle, which also could refer to the Sun. What we are truly seeing is a visual representation of the highest and most refined vibrations within a fluidlike aetheric medium, which we suggest forms the body of the Ultimate Being.

This is a very significant point, as both Dr. Nordberg's theory and Schappeller's "glowing magnetism" concepts suggest that this mysterious, conscious aether energy / Oneness that we call God is pure Light. For the modern mainstream scientist, this is often seen simply as a fanciful metaphysical belief that does not have any relation to "true reality." Light is seen as a photon, which is just one of a variety of "particles," even though the particles have a peculiar tendency to show up just as easily as waves, depending on how you measure them! But with our new information, even though the aether behaves like a fluid whereas light does not seem to have

any immediate fluidlike properties, it should nevertheless be easy for us to conclude that the terms aether and Light could be interchangeable.

Spherical, loving light is the primary definition of aether, since it is the highest form of its vibration; it is the true nature of the Ultimate Being.

From the scientific perspective, we can see that the connection between aether and Light must be possible from Einstein's work with relativity, where energy and mass were directly and mathematically interwoven with the speed of light. As everyone knows, in an atomic explosion, a tremendous amount of blinding white light is released; light so powerful that it can incinerate anything in its path. It is this very "flash point" that reveals to us that matter, which is formed from the aether, is nothing more than a highly-compressed form of light. And so, many theorists such as Nordberg and various contributors to KeelyNet and the Institute for New Energy believe that in the aether and in physical matter as well, light is in a condensed form that can later be released. In fact, the aether is the condensed form of all vibrations, whether light, sound, heat or otherwise.

7.3 ENGINEERING SPHERICAL LIGHT

Going back to Thomas' article, we learn that Schappeller created a device called a "dynamagnetic generator," which would allow him to produce a sustained ball of "glowing magnetism" in the laboratory setting. In so doing, he was able to prove that his theories regarding the aether and magnetism were actually engineerable. Thomas' rather complicated description of this device is as follows:

"Basically, [the device] consists of a pair of coils wound on to a hollow ceramic [sphere,] contained [inside another] sphere [of] iron. The coils are of copper tubing packed with a permanent electret material... [Electret material is capable of storing an electromagnetic charge, so with the copper coils Schappeller created a sphere that can focus electromagnetic energy.] This constitutes the dynamagnetic generator.

To convert the energy into mechanical energy, a rotor is used, also made from copper tube packed with electret. The sphere functions only after the electret material is polarized. [This step of "polarizing the electret" means that you must introduce an electromagnetic charge into it before the device will work. And then, once again we have the power of rotation involved in creating the glowing magnetism. In this case the rotation is produced from the rotor described above.]

Because of the terminology in the Schappeller theory, it is naturally difficult to follow, that is, apart from the strangeness of the concepts. After several readings, one might conclude that "glowing magnetism" or aether precipitation, starts if the electric and / or magnetic fields reach enormous values at a given point. It seems that this is the function of the stator device outlined above. "

We can see from the brief description above that Schappeller's spherical chamber was creating an enormous compression of aetheric energy in a small point, similar to the forces in a thunderstorm that can create the anomaly of ball lightning. The spherical shape of the iron and ceramic core acts as a

magnifying glass for all of the electromagnetic energy, directing it into the center when the machine is operating at full capacity. And it is at this central point in the sphere that "the electric and / or magnetic fields reach enormous values." (As we shall see in the next chapter, Sonoluminescence works almost exactly the same way, but the spherical chamber focuses sound instead of electromagnetic energy to produce this glowing aether vibration of light.)

Later in this same article, Thomas relates this finding of Schappeller's to the behavior of the Searl Levity Disc, since a clear "glowing magnetism" ionization effect was seen around the disc when it was traveling. And we remember that ionization is the charging of gas molecules with enough energy that they start to release photons. Therefore, Searl took the initial idea of Schappeller's invention and transformed it into a design that could be transformed into an anti-gravity craft.

7.4 "VACUUM DOMAINS"

Russian scientists Dr. Alexey Dmitriev, V.L. Dyatlov and A.V. Tetenov published an article with the intimidating title "Planetophysical Function of Vacuum Domains" in English on the Millennium Group website, which goes into far more detail regarding "balls of light" than we may have otherwise expected. Ball lightning is only one of a number of natural phenomena, which Dmitriev et al. refer to as "vacuum domains" or "VDs." This term seems to be rather uncomfortable for some people, as we often think of the word "domain" as meaning "an area that a person (such as a king) rules over." And the letters VD don't sit well in the English language, for obvious reasons. In this model, the word "domain" is used more generally, as "a given area with clear boundaries, where certain rules apply." And we remember that the word "vacuum" is often used interchangeably with "aether," as aether is "the energy that will always exist in a vacuum." So, to put it simply, a "vacuum domain" is an area with clear boundaries where the aether is directly bleeding through to our physical reality and creating a measurable energy change. Ball lightning would obviously be one example of a "vacuum domain" in action.

The true value of Dmitriev et al.'s paper is that many more natural phenomena are identified besides ball lightning; furthermore, we learn a lot more about how these phenomena behave, and a full range of mathematical equations are applied to help explain what is happening. For our purposes in this book we won't cover the equations, but the properties and behavior of these "vacuum domains" will certainly be very interesting to us.

Most importantly, say the authors, in a vacuum domain (VD) the forces of electromagnetism and gravity work directly together, whereas outside the VD they do not. By definition, the VDs can penetrate through any kind of matter, since they are composed of the very energy that matter is made of. The authors produce equations to demonstrate that gravity waves are automatically transformed into electromagnetic waves inside the VD, and these waves are then directly visible to us as light. In the aether theory, both gravity and magnetism are simply different forms of aether in movement, so it would make sense that if you can create a large enough degree of movement of aether in a small area, then you would see the fields working together.

According to Dmitriev et al., these VDs emerge all throughout the Earth,

whether in the magnetic field, the layers of the atmosphere or within the Earth itself. Since the VDs can be quite large and can command the force of gravity, they are capable of having incredible power. A tornado is one such example of a VD in action, say the authors. These powerful areas of energetic force can also produce "enormous torsion stress" in the Earth that in turn affects the so-called "plate tectonics" of the continents and the seismic activity throughout the Earth. They create sudden, anomalous changes in the Earth's magnetic field in localized areas as well.

7.4.1 PROPERTIES OF VACUUM DOMAINS

The main properties of VDs are expressed in this paper as follows:

- 1 They are capable of penetrating through matter at will;
- 2 They can emit or absorb light and other electromagnetic radiation in the wide frequency range;
- 3 They can cause electronic devices to stop functioning because of the strong electric field that they produce both inside and outside of themselves;
- 4 They will exhibit a measurable magnetic field;
- 5 They can distort gravitational fields, causing objects to levitate or to become heavier;
- 6 They can cause air and dust to rotate inside of themselves, since they are in a constant state of rotation;
- 7 They can have explosions that do not necessarily change their form and size;
- 8 They possess a definite geometric form such as a sphere or "ellipsoid," which is basically a stretched-out sphere; and lastly,
- 9 They will be seen and reported far more frequently in the years when the Sun's activity has reached its peak.

So, with these properties we now have a much firmer understanding of what a "vacuum domain" actually is, what it looks like and how it functions. We are then given a list of ten different anomalous phenomena that are all explained as being different forms of VDs. It is very important to remember that not all of them clearly exhibit all nine of the above properties, but in each case there is enough evidence to suggest that they all have a common explanation:

7.4.2 ANOMALOUS "VACUUM DOMAIN" PHENOMENA

- 1 Ball lightning. According to the authors, this is the most well known and studied anomalous phenomenon, and it displays all nine VD properties. Most scientific papers do not mention any effects of levitation occurring with ball lightning, but this is simply because the ball lightning is so small that it would be hard to see. The typical formation of ball lightning will be between 10 and 30 centimeters in diameter. Some have reported seeing dust particles rotating inside of ball lightning.
- 2 Natural self-luminous objects or "plasmoids." Here we have objects that may be seen with the naked eye as bright balls of light, and may show up even better on film if they are photographed. They usually appear near the areas of the Earth where there is the most energetic activity, in the form of earthquake-producing faults in the crust. They have similar properties as ball lightning, and in this case the large-scale effect of levitation is more likely to be seen. The authors refer us to a case in Russia known as the "Sasovo explosions," described by A. Yu. Olhovatov, where these formations were witnessed as being capable of levitating objects as well as producing the explosive effects mentioned in property number 7 in the

above list. The images in the study show these clearly.

- 3 Poltergeists. While some cases of "haunting" may involve real entities in a nonphysical form, others appear to be cases where a VD penetrates through the walls of a person's home. In these cases, a ball-like, slightly glowing energy is seen that can levitate objects, create electric and magnetic fields and also cause damage to people. If the phenomenon is seen to occur repeatedly, it might be because the house is built over an area of the Earth that is more energetically active and thereby capable of producing these formations.
- 4 Tornadoes. All of us are familiar with the violent funnel-like cloud formation of a tornado, which can create immense damage and levitate objects essentially intact. The study of tornadoes is so important that Dr. Dmitriev actually tackles it in an entirely separate paper entitled "Electrogravodynamic Concept of Tornadoes," also on the Millennium Group website at www.millenngroup.com. Most of the nine properties on the list are associated directly with tornadoes, including the appearance of visible forms of light. In the "Tornadoes" paper, Dmitriev refers to the following case:

In 1951 in Texas a funnel passed over an observer at a height of 6 meters, the interior having a diameter of about 130 meters with walls of 3 meters' width. Inside the hollow there was a brilliant cloud. There was no vacuum inside, because it was easy to breathe.

In other cases, "swarms of ball lightning" and other luminous phenomena including "continuous glowing light" and "continuous lightning" are seen in and around tornadoes. Other anomalous phenomena involving gravity and the interpenetration of matter will be discussed in later sections of this book. The idea of an "air suction" to explain the levitation effects with a tornado is not sufficient, especially if a person can breathe inside.

- 5 "Angels." This term refers to a special kind of radar interference that all systems must contend with. In the early days of radar, there were cases where blips appeared on the screen that appeared to be airplanes or missiles. The engineers realized that these were not actually physical objects and referred to them as "angels," and now radars are built so that they will not mistakenly detect these formations. The authors suggest that "angels" are the same as "natural self-luminous formations," as they both occur directly over tectonic faults. In the case of NSLFs, they are detected just above the faults, whereas "angels" are typically detected some kilometers above the faults.
- 6 "Small Comets" or "Atmospheric Holes." These were seen on ultraviolet images of the Earth taken at high altitudes. About 20 times a minute, large black holes are seen to form in the upper ionosphere, each of which is approximately 30 miles wide. The conventional hypothesis, put forth by those who discovered this, is that these holes are being produced by "small comets" of snow and ice. However, if this many comets were constantly hitting the Earth, they should be also colliding with the Moon as well, but there are no tremors on the Moon's surface to correspond with such events. Therefore, the authors consider that these may be vacuum domains as well.
- 7 Ionospheric and atmospheric explosions. In this case, the name is self-explanatory. Many people have heard spontaneous loud explosions with no apparent source, and without any signs of inclement weather. These explosions are associated with luminescent forms of spherical geometry that have also been seen to penetrate matter.

- 8 Lithospheric pipe explosions. These are phenomena that occur within the Earth's lithosphere or crust, which can conduct electromagnetic fields and can have an elastic, pliable quality. Geologists have observed sudden pulses or explosions of heat within the lithosphere, where an elongated elliptical tube known as a "kimberlite pipe" is formed immediately thereafter. They are self-luminescent explosions that produce electromagnetic emissions, and, at least in Russia, they are considered "the great mystery of modern geology."
- 9 "Sprites", elves and jets. These anomalies have only been recently discovered, and conventional explanations for them are still fairly weak. Above thunderstorm clouds, brief and very large flashes of light can appear up to 100 kilometers in height. They often appear blue or red depending on their height. Most importantly for Dmitriev et al., these formations are often associated with the most intense groupings of lightning strikes that are moving from the clouds to the ground. This suggests that the contact of the lightning is somehow combining with energy in the Earth to cause these luminous flashes to form.

10

Luminescences associated with earthquakes and volcanic eruptions. According to Dmitriev et al., almost all earthquakes and volcanic eruptions are accompanied by the sighting of luminous formations. They may be seen before, after or during the events themselves, and therefore are very closely timed with the events.

7.4.3 "NASA UFOs" – VACUUM DOMAINS IN SPACE

If we look back to number 6 on the list, "Small Comets" and "Atmospheric Holes," we see that it appears that about 20 times a minute, the Earth's ionosphere is reacting with something that is creating 30-mile wide black spots in the ultraviolet spectrum. Dr. Dmitriev et al. speculate that these reactions are caused by VDs that are moving through space. The main problem was that there was no proof that such VDs existed... until now. Early in the year 2000, a great deal of excitement was generated in the Internet UFO community over what appeared to be "UFOs" that were filmed on many NASA shuttle missions. Millions watched a short video promo for a UFO documentary film entitled "Evidence 2001: The Case for NASA UFOs," which featured the work of Mr. Martyn Stubbs.

Mr. Stubbs worked for five years to analyze over 2,500 hours of NASA space shuttle transmissions that he recorded on a total of 520 video tapes. He used satellite dishes and other equipment from the Vancouver Cable Station, where he worked as a manager, to record virgin copies of the video from every Discovery mission that was conducted since 1991. When we look at what he discovered, we can clearly see that it is another example of "vacuum domains" at work, and provides the missing link to explain why the Earth's ionosphere is being struck 20 times a second by the so-called 'small comets.' We will post excerpts from the Citizens Against UFO Secrecy (CAUS) website to help illustrate what was done.

"...Weird shapes are shown massing on the shuttle equipment while the astronauts talk openly with mission control about the spooky event.

Dr Guido Nigro, Director of the Search for Extraterrestrial Intelligence, SETI,

observatory was reportedly visibly shaken after viewing part of the footage. "I am very impressed," he said. "This time we are not talking about footage taken by someone with a home movie camera.

"Maybe this will prove there is something else that we are not aware of, at least officially." The footage was aired at the ninth International UFO conference in Nevada and shows two bizarre phenomena...

Martyn's breakthrough came when he watched a \$100 million satellite cable snap taking the tether 12 miles into space during NASA's Discovery missions. "From the moment it broke to the moment it's many miles away a spherical phenomena follows and swarms round it, all going in different directions.

"When the astronauts were asked how far away the tether was, they replied more than 80 miles." He claims the distance and the size of the sphere-like phenomena must be huge.

NASA has officially guessed that the shards are ice specks, but Martyn scoffed: "I've never heard of a six-mile long ice crystal that's spotted crystal clear 100 miles away and there are hundreds of different examples. "Once NASA said they were shooting stars or meteors, but we have documentation that shows that NASA didn't have an answer. "When you see those pictures, the pictures of the shuttle today and the Mir space station, you see the same spherical phenomena."

Martyn also describes how astronauts on the STS-80 shuttle mission could not open the door due because the phenomena was BLOCKING it. "The phenomena was all around the door, and they (the crew) were moving the door and trying to get it open.

"A flight or two later, the astronauts were commenting right on the feed that something had come right through the door, that they were seeing these flashing colored lights. To make this discovery he painstakingly examined more than 500 eight-hour video tapes.

He said: "I can't tell you what is there, but I can tell you what shouldn't be there. It's not a matter of finding something, it's more about collecting, studying and analyzing. Eventually the jigsaw puzzle will come together."

So, we can see that these spherical phenomena follow all the same properties as Dmitriev et al.'s vacuum domains. First of all, let's consider the experiment that was conducted on Shuttle mission STS-75. In this case, a satellite was extended away from the Shuttle on a 12-mile long tether. According to an article by The Enterprise Mission and others, the true, hidden purpose of this experiment was to attempt to harness "hyperdimensional" or aetheric energy from the vacuum. In this case, the experiment was so successful that it actually melted the super-strong tether completely, which was obviously not expected, and caused the satellite to glow with ionizing radiation as it drifted away from the Shuttle! When we combine Stubbs' observations with this, we can see that because of its sudden high electromagnetic charge, the satellite then attracted many VDs to itself that had been freely drifting in space and transferred energy to them, making them easily visible and possibly expanding their physical size as well. The resulting effect, seen by millions on the Internet when the movie was first released, is quite remarkable.



STS-75 Spherical Phenomena

The two above images are both of the same striking formation that was captured on the videotape of this event, slightly delayed in time from one to the next. The obvious black hole in the middle of this formation could be where the rotational axis of the VD is flowing through, and we'll be discussing this central axis further ahead. When we look to the image on the right, we see the ring formation on the left image spreading out into a spiral shape, which is exactly what we would expect from the energy of a VD, flowing out from, say, the northern pole in a spiraling, rotating fashion as it makes its way to the southern pole. The notch at the lower left is at the opposite end of the object's direction of travel, and may be formed by the VD's outer field being disturbed by the dust and plasma in space as it moves along, creating a windsock effect over its entire surface except for in the middle, where the greater strength of its axis holds in more material. Another clue that these are energetic formations is that they were repeatedly seen to have a luminous "wobble" to them, and they drift relatively slowly, without exhibit the speed and abrupt, angular changes in movement typical of most UFO sightings. This certainly does not rule out the possibility that what we are seeing is indeed some form of extraterrestrial spacecraft.

In the case of STS-80, a VD penetrated the Space Shuttle door, and its gravitational effects stopped the door from being able to open. At the same time, its natural luminosity was emerging through the door as well. Obviously this fits all the characteristics that we would expect of a VD, including the ability to penetrate matter, gravitational effects and luminosity. Furthermore, it could be that the VD was attracted to the door because it was the only area on the outside of the Shuttle that had a direct passage to the inside of the Shuttle, where there could well have been a greater amount of static electric charge that it was attracted to. This mission's video data also produced images of luminous formations with the characteristic black dot in their centers.

A series of images from Stubbs' NASA UFO footage are collected at Jeff Rense's website and can be perused for further study: <http://www.sightings.com/nasaufo/nasaufo.htm>. And by far, the next image, showing the "swarming" effect of a very large number of spherical VDs around the tethered satellite, is the most provocative.



STS-75 Footage of Spherical Phenomena Surrounding Tethered Satellite

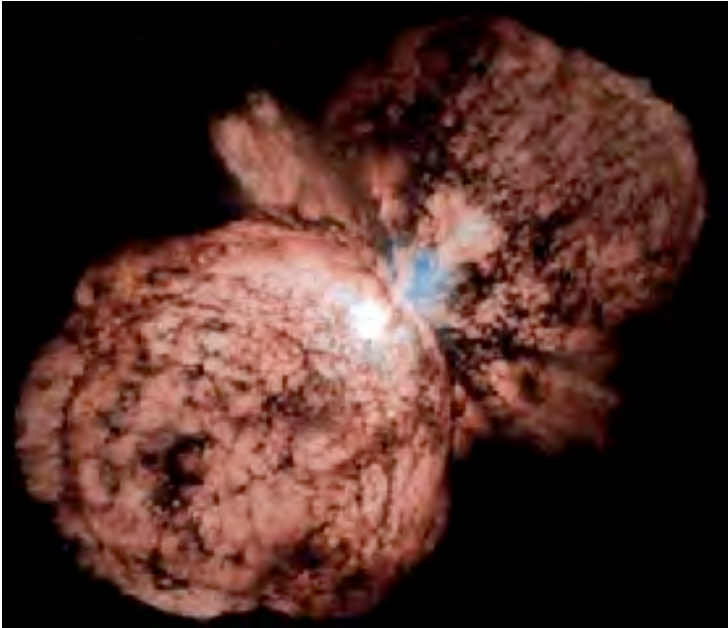
The other phenomena that Stubbs discusses in the videotape is a very fast streak of light that can only be detected by slowing down the film to one-frame-at-a-time speed. These streaks are most likely formed by spherical VDs as well, only in this case they are difficult to capture on film because they are moving much more quickly than the slow-drifting VDs that were more easily observed.

All together, it would seem that these VDs, here referred to as "NASA UFOs," are being created by the intense electromagnetic activity of the Sun. Once released, they then move out through the Solar System via the Solar Wind, which is a continuous stream of gas, dust and energy that the Sun gives off. When the Sun is more active, more of the VDs are created and therefore more of them interact with the Earth's electromagnetic fields as well. This clearly explains why Dmitriev et al. noticed that the number of reports of natural self-luminous formations and other related phenomena are always seen to increase during times of high solar activity.

7.5 INTERSTELLAR DEMONSTRATIONS OF VDs

The power of the "vacuum domain" or "glowing magnetism" can also have an effect on a star that has recently exploded, causing anomalous spherical formations to appear. Dr. Nordberg reminds us that if there is an explosion in the vacuum of space, conventional science would say that it should move outwards in all directions at the same time, forming one large cloud of gas

that is roughly sphere-shaped. However, if we look at the exploding star Eta Carinae, we can see that it has formed two expanding spheres with a disc of light in between them.

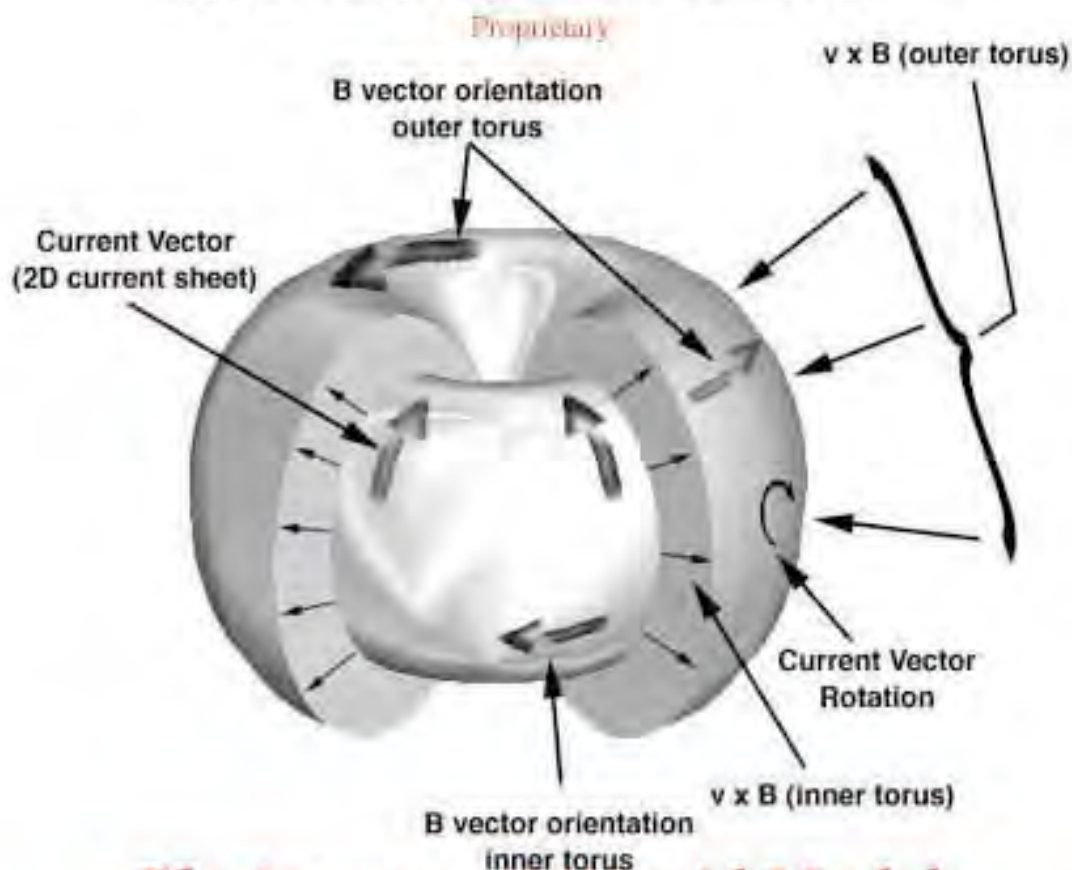


Current physics has no model of "spherical harmonics" that would account for any force that could hold together such a structure as this in the airless vacuum of space. Here we can see that similar to ball lightning and other VDs, the two sides of the explosion are being effected by spherical electromagnetic fields and thus holding their shape. If there were no aether pressure forming the two spherical shapes, then the explosion should have simply expanded straight outward from the center.

7.6 THE "ELECTROMAGNETOTOROID:" A STEP CLOSER

Yet another physicist, Charles Cagle, has independently tackled the problem of creating a unified field theory at the quantum level that is based on the visual model of a "ball-of-light," spherical harmonics or a "vacuum domain." Tying all of this back into the quantum level is indeed very important, and this is just the beginning. In this case, Cagle refers to the model as an "electromagnetotoroid," which is certainly not an easy word to remember. The information regarding this approach is on Cagle's website, www.singtech.com. In Cagle's case, he has used this new understanding to develop a "free energy" device that is based upon fusion -- so here again, we are seeing workable prototypes emerging from these new models. We will leave it up to the reader to peruse the explanations for the particulars of Cagle's designs. Our only point to add is that this model incorporates the fact that the sphere should actually be seen as a torus, meaning that it has a hole running through its center as the axis of rotation. (Actually, from the below diagram we can see that Cagle has two tori inside of each other. This propensity for "balls within balls" is a very important behavior that will come into play when we discuss the geometries involved in the structure of our Octave of dimensions.)

Archetype Form or Neutral Macroparticle Structure



Electromagnetotoroid Model

Copyright © 1999 by Charles Cagle

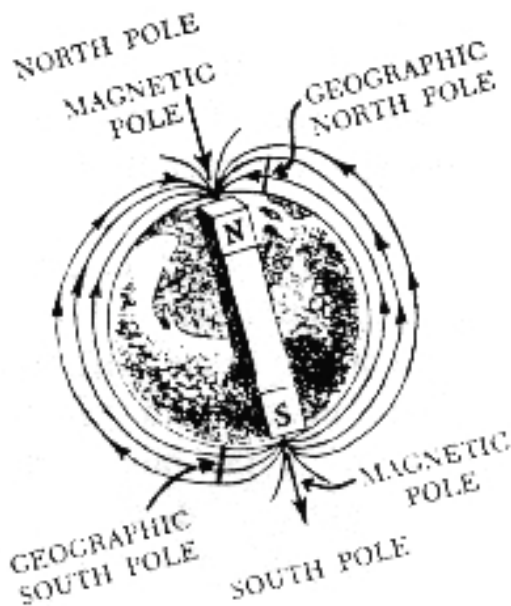
7.7 THE TORUS

To properly visualize a torus, we must see that the harmonic sphere is shaped more like an apple, with a hole extending directly through its center. Another way to think of it would be as akin to a donut or inner tube that was expanded into a spherical form. (See above image.)

There are common examples that can help us to visualize how energy flows over and through a torus like this. Many of us have seen those rubber tube toys that are made from balloons filled with water and that fold in on themselves, acting as another form of a torus shaped as a cylinder. When you try to squeeze the balloon in your hands it will immediately slip out, because it is actually a perfect closed loop – the entire outside folds through the entire inside. As soon as you try to grab it, the outer skin rolls into the inner portion, so that even if the part of the balloon skin that touches your hand doesn't slip, the balloon still slides out of your grip. A smoke ring works the same way – it continues to spin around itself as it moves forward, so the outside and the inside are really the same surface in motion – the object only has one side, one surface, but it is still capable of having internal / external movement and

circulation.

Based on all available evidence that we will review as this book progresses, the toroidal structure must be included in the final design of the sphere or VD. This is what allows any VD to sustain itself, as the energy on the outside can continually flow through the inside and vice versa -- the flow is never interrupted. Most likely, the funnel cloud in a tornado represents the flow through the center of a very active spherical torus of energy, and the rest of the sphere is not visible. The tubelike center of the spherical torus forms its rotational axis, as we have said. This becomes an important point when we start looking at the spherical harmonics that show up in planetary energies, which we will see in later chapters. Indeed, the standard model of a planetary magnetic field shows a torus very clearly, with energy streaming out from the magnetic poles and forming a toroidal energy field around the planet itself.



7.8 SEARL REVISITED

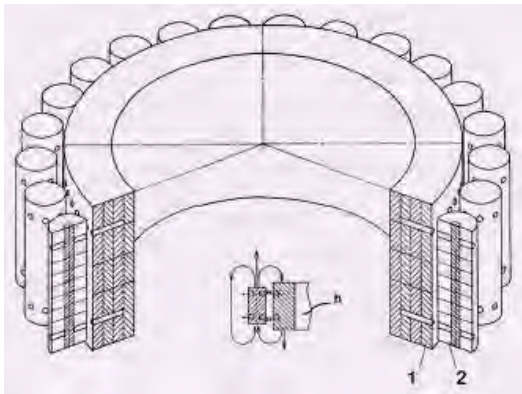
As we are looking at the fundamentals of the spherical torus or VD, we can find more evidence within the finer workings of the Searl Levity Disc, or the Searl Effect Generator (SEG.) Importantly, much of Searl's research was initially inspired by his study of Schappeller's glowing spherical magnetism. We remember from the last chapter that the center of Searl's design involved three concentric magnetic rings, each of which were surrounded by a series of magnetic rollers. In Chapter 55 of his mammoth Internet work *Impossible Correspondence*, which cross-references our work in a number of places, researcher Robert Grace reveals the following:

"John [Searl's] concepts are quite simple. What the rings and rollers represent is a cross-section of a complete system shaped like a sphere with a hole in the middle or a torus. The reason that the rings do not take the shape of a sphere is because the rollers, if they were curved, could not possibly revolve, hence limiting them to a flat-plane 3-tiered diameter across an imaginary sphere. [Note: As part of the design, each of the rollers revolves around its own axis at the same time that it revolves around the central rings.] The Searl system strips electrons off the atoms (ions) that are drawn into the center of the torus and accelerates them to the outer rim where they are picked up by coils as electricity."

So, the true nature of what Searl had accomplished now comes into view. The rotating magnetic rings and rollers create the middle framework for a series of fields that actually form a vacuum domain or spherical torus. Obviously, as this is such a harmonic shape, it draws in a great deal of aetheric energy, thus significantly deflecting gravity enough to neutralize its mass. The spinning motion of the magnetic rollers causes measurable aetheric / electromagnetic energy to "spray" outward in exactly the same fashion as DePalma's homopolar N-Machine that we discussed in previous chapters.

7.9 ROSCHIN AND GODIN: SEARL EFFECT VERIFIED

Furthermore, an article that was briefly posted on Dr. Steven Greer's CSETI website beginning on Aug. 15, 2000 reveals that two Russian scientists, V.V. Roschin and S.M. Godin, have achieved partial but highly significant success in replicating Searl's results in the laboratory. Their experimental setup, though only consisting of one ring and one set of rollers as seen in the first image below, behaved in a similar manner as did Dr. Searl's. The second image below shows a side view of the entire device, allowing the reader to see the complete structure that allowed the rings to rotate. After the rotors reached 200 revolutions per minute, the weight of the setup began steadily decreasing and it would begin "self-accelerating," meaning that it would begin increasing its speed of rotation even though no extra power was being put into it. Once the rate of rotation reached the critical speed of 550 rpm that Dr. Searl had originally determined, the device would generate a "back current" of energy that was greater than what it took to run it, and the weight of the device would quickly change to a mere 35 percent of its initial value. The researchers also stated that, based on their knowledge of the technical aspects of Dr. Searl's research, the following would also be true:



The most interesting region (i.e. the total defeating of gravity to produce levitation) lies above the critical area of 550 rpm, but due to a number of circumstances the implementation of such research was not possible. [Note: As one example, their setup was not constructed to facilitate the levitation of the device itself.]

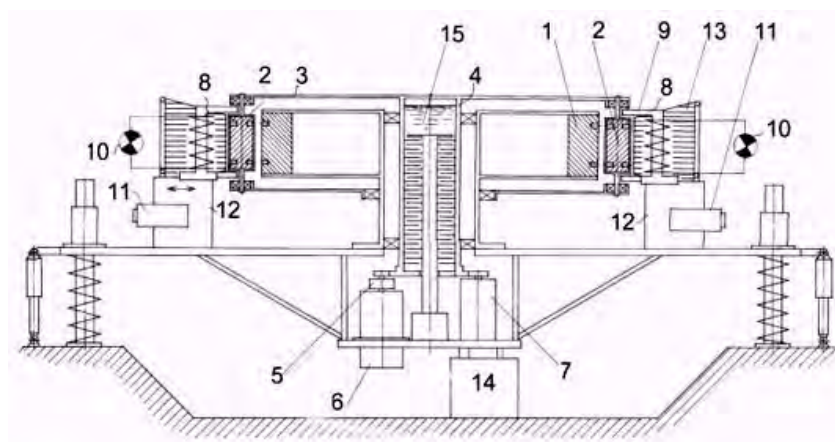
[Note: In this and following excerpts, we have corrected basic English grammatical errors to make the text easier to understand. Unfortunately the writing style is a bit complex, so the reader will probably be required to read the article carefully more than once in order to "get it."]

The experiment also showed that a VD or spherical torus of ionizing radiation was visible:

Other interesting effects include the work of the converter in a dark room when corona discharges are observed around the converter's rotor, which are seen as a blue-pink glowing luminescence with a characteristic ozone smell. The cloud of ionization covers the area of the stator and rotor and has an accordingly toroidal form.

Furthermore, there were discrete changes in both the magnetic and temperature readings in the room where the experiment was conducted. From the description, we are led to believe that a series of concentric VDs, or toroidal spheres of increased aetheric / magnetic energy formed around the device (which they here refer to as a converter) while it was in motion:

We noticed and measured an abnormal permanent magnetic field around the converter within a radius of 15 meters. Zones of an increased intensity of magnetic flux 0.05T located concentrically from the center of the installation were detected. The direction of the magnetic field vector [or flow] in these walls [of energy] coincided with the direction [that the rollers were traveling in.] The structure of these zones reminded [one of the] circles on water [that form] from a thrown stone. [Note: Obviously we know that these are spherical, toroidal zones.] Between these zones a portable magnetometer, which used the Hall's sensor as a sensitive element, did not register any abnormal magnetic fields.



The layers [where] an increased [magnetic] intensity [is measured] are distributed practically without losses up to a distance of about 15 meters from the center of the converter, and quickly decrease at the border of this zone. The thickness of each [magnetic] layer is about 5-8 cm. The border of each layer has a sharp shape, the distance between the layers is about 50-60 cm and it slightly accrues when moving from the center of the converter. A steady picture of this field was observed as well at a height of 6m above the installation (on the second floor above the lab.) Above the second floor the measurements were not carried out. [Note: Previously we were told that the height of the ceiling in the experimental room was three meters.]

An abnormal fall of temperature in direct affinity with the converter was also found. While the common temperature background in the laboratory was +22 degrees C (+- 2 degrees C) a fall of temperature equal to 6-8 degrees C was noticed [in the laboratory when the device ran.] The same phenomenon was observed in the vertical magnetic walls [of energy] as well. The measurements of temperature inside the magnetic walls were carried out with

an ordinary alcohol thermometer with an inertia of indication of about 1.5 min. In the magnetic walls the temperature changes can be distinctly observed even by hand. The hand, when placed into this magnetic wall [of energy,] feels real cold at once. A similar picture was observed at the height above the installation, i.e. on the second floor of the laboratory as well, despite the ferro-concrete blocking of the ceiling.

7.10 VDs, HEALING AND THE SOUL

Obviously, these intriguing results suggest that a nested series of VDs or spherical harmonics are being formed around the device as it functions, and that these spherical "walls" represent areas where aetheric energy is directly bleeding into the room, leading to an increase in magnetism and a decrease of temperature. The potential uses of this technology for healing purposes shouldn't be overlooked at this point, either. An article from the West Australian newspaper on August 7, 1995, linked at [http://www.westnet.com.au/news/1995/08/07/07aug95_01.htm](#), said the following:

A 45-litre drum of burning oil exploded in [Searl's] face a few years ago and doctors told him he would be disfigured for life. But sitting in his SEG-powered home for two weeks, he said his wounds healed... The SEG would also help combat asthma, bronchitis, hay fever and lung complaints. "You don't feel like you are breathing but drinking fresh spring water," he said. "That's because you have more oxygen available."

This report could not be studied scientifically by Roschin and Godin in their experiment. However, the Roschin-Godin study represents the first time that Searl's results have been independently confirmed by an outside laboratory, thus dramatically increasing the reputability of his findings. Those who choose to be skeptical and dismiss these results are simply too stubborn to see the simple truth – anti-gravity and free energy is a reality, and with the arrival of the Internet and books like this one, it is only a matter of time before these technologies are widely known and implemented. And as we shall see as we go along, the spherical structure of the VD will be seen as the "missing link" to unify the Cosmos at every level, from the smallest quantum process to the macroscopic structure of the Universal Being itself. The VD is a reflection of the Ultimate Being in "physical" form. It is also the "shape" of our soul – our true energy bodies.

In the next chapter, our discussion of spherical harmonics and energy processes will continue, as we bring in the work of John Keely. We will show more evidence of the importance of the sphere as the shape of "balance" in the aether, as well as the connections between the aether, the sphere and the vibrations of sound. We will also see how sound can be utilized to produce anti-gravity as well.

7.11 RECAP

7.1 The work of Karl Schappeller provided the initial inspiration for Dr. Searl. He explained that strong magnetic fields can cause the aether vacuum to emerge as a visible form. The phenomenon of "ball lightning" shows this in action.

7.2 Light and Love and the Sphere are all interchangeable definitions of aetheric energy that is in unity with Oneness.

7.3 Schappeller was able to engineer a spherical ball of "glowing magnetism" in the laboratory with his dynamagnetic generator.

7.4 Dr. Dmitriev et al. labeled this spherical "glowing magnetism" as a "vacuum domain" or VD. Furthermore, his team used equations to show that gravity waves are automatically transformed into electromagnetic waves inside the VD, and these waves are then directly visible to us as light.

7.4.1 The nine essential properties of vacuum domains are: ability to penetrate solid matter, light absorption and / or emission, the powering down of electronic devices, creation of measurable magnetic fields, distortions of gravitational fields to increase or decrease objects' weight, constant inner rotation leading to rotation of air and dust inside of themselves, explosions that do not necessarily change their size, possession a definite geometric form such as a sphere or "ellipsoid," and increases in their appearances during years of peak solar activity.

7.4.2 Ten different sorts of anomalous phenomena that appear to be directly associated with VDs are: ball lightning, NSLFs or "plasmoids," poltergeists, tornadoes, radar angels, small comets or "atmospheric holes," ionospheric and atmospheric explosions, lithospheric "pipe" explosions, "sprites / elves / jets" and luminescences associated with earthquake and volcano activity.

7.4.3 Mr. Martyn Stubbs' rigorous documentation of "NASA UFOs" appears to be an observation of VDs in space. The spherical shape, central hole and spiraling energy emissions from the central hole are all clearly visible on film. This also gives us a method of understanding why our scientists have observed "atmospheric holes" occurring in the ultraviolet spectrum of our ionosphere appearing 20 times each second. The VDs are created in the Sun, travel through space on the "solar wind" and later strike the Earth, creating the holes.

7.5 The spherical fields of vacuum domains can be seen to form anomalous structures in space, such as the dumbbell shape of the nebulae Eta Carinae.

7.6 Charles Cagle demonstrated the idea that "particles" at the subatomic level are actually VDs as well, which he named "electromagnetotoroids." From his understanding, workable free energy technologies have been devised. This brings us closer to a true "unified field" theory that shows how these VD formations exist at every level of size and complexity in the Universe.

7.7 The torus is a sphere with a hole in the middle, forming a donut shape. This is the true form of the VD, and explains the structure of the Earth's magnetic field as well as the structure of the funnel cloud that makes the tornado. The "hole" in the sphere is what creates an axis that allows it to rotate.

7.8 Robert Grace reveals that what the rings and rollers represent in the Searl Effect Generator is a cross-section of a complete system shaped like a sphere with a hole in the middle or a torus. By creating this cross-section of the VD with rotating magnets, Searl was able to replicate the anti-gravitational effects of the VD and use them to levitate the craft itself.

7.9 Russian scientists Roschin and Godin were able to replicate Searl's results. Though their device was not physically built to levitate, it clearly would have if they did not use mechanical brakes to stop it, as it went into a self-accelerating mode after crossing the critical threshold of 550 revolutions per minute. Most interestingly, when the device was powered a series of spherical energy zones were created around it, and "the structure of these zones reminded [one of the] circles on water [that form] from a thrown stone." Within these zones, the magnetic fields increased and the temperature decreased.

7.10 Dr. Searl's research associated the aetheric energy of the VD with an increased speed of healing. We suggest that the VD is actually the shape of the Ultimate Being, or God, as well as the shape of the soul as it is expressed in our different energy bodies.

&

CHAPTER 08: KEELY AND THE PHYSICS OF VIBRATION

CHAPTER 08: KEELY AND THE PHYSICS OF VIBRATION



John Ernst Worrell Keely, 1837-1898

8.1 VACUUM DOMAINS = "CONSCIOUSNESS UNITS"

In the last chapter we showed how the energy of the aether can directly emerge into our physical reality through what is referred to as a "vacuum domain" or VD. This will commonly take up the form of a glowing, rotating sphere of light with a hole that passes through its center, making it look somewhat like an apple, a donut or the inside of an orange. The technical name for this shape is a "spherical torus." Once a VD is created, anti-gravity effects can be produced, as well as "free energy." The VD opens a gateway for the higher-pressure aether energy to stream into our physical world, much as a hole in the side of a water tank will cause the water to come rushing out. Gravity waves, which normally press into the earth, are absorbed and transformed into electromagnetism and visible light within these objects. Numerous observations of anomalous phenomena in the lithosphere, atmosphere and ionosphere of the Earth, as well as in free space on NASA shuttle footage, all support the existence of these VDs as a tangible reality. And Professor John Searl used these principles to create a workable anti-gravity machine, whose drive system was built with a rotating system of magnets. Later, Russian scientists Roschin and Godin replicated Searl's results independently and measured temperature drops and "spheres within spheres" of magnetic energy that surrounded their device once it was powered up.

For our purposes in this chapter and thereafter, we will replace the unwieldy-sounding term "vacuum domains" with the simpler and more all-inclusive term "consciousness units" or CUs. As our discussion gradually progresses away from discussing free-energy and anti-gravity machines, we will increasingly need to support the idea that the aether is intelligent energy in the text. If we

do not see the energy of the “consciousness units” as having all the ingredients for life, consciousness and Spirit within themselves, then we will be ill-prepared for our future chapters in this book.

8.2 KEELY DID IT FIRST

As we continue looking at these theories, it should be even more amusing to discover that long before Schappeller, Larson, Searl, Cagle, Nordberg or Dmitriev, another physicist had also worked with these same concepts of “vacuum domains” or “consciousness units” of spherical energy with apparently astounding levels of success, if eyewitness accounts of his inventions are indeed accurate. This scientist was John Keely, and his work has now enjoyed such a renaissance that the KeelyNet website is at the forefront of alternative energy, aetheric science and anti-gravity research. Furthermore, Keely was not afraid to directly connect his theories with the idea of an Ultimate Being and of the philosophy of love and light as the unifying force in the universe, then being expressed in the form of the aether energy.

John Ernst Worrell Keely was born in 1837 and died in 1898. During this time, mainstream physics still considered the aether model to be correct, as the aftereffects of the Michaelson-Morley experiment would not be fully felt until the 20th century. Bearing all this in mind, every scientist of Keely's time naturally gravitated towards the aether model, (pun intended,) as it was in common acceptance at the time. Some of the designs were clearly flawed, as the early scientists were prone to believe that this aether was actually another form of physical matter, which it is not. Together, these ideas were called the “material aether” theories, and they were definitely incorrect. As one example, the “flux lines” of magnetic force are not a form of physical matter; they behave more as an energy field than as a literal fluid in motion. No one will ever find a tangible “fluid” in a magnet that they can literally pour into a glass! The energy is all around us and the magnet just focuses it so that it flows in one direction. Once modern quantum mechanics and relativity took off in the early 20th century, the scientific mainstream had discarded the aether theories completely, even though they were ultimately not “wrong,” as we have already shown.

8.3 THREE MAIN AETHERIC FORCES: PUSH, PULL AND STABILIZE

Keely's biggest contributions to our “consciousness unit” theories relate to how the aether creates and maintains a CU. The first principle is that within each CU or luminous sphere of aether, there are three forces - the contracting force that we call gravity, an out-pressing force that we might call “levity” or anti-gravity and the stabilizing force that balances out the first two. These ideas are simply the end products of studying and observing the behaviors of vibration. So, if you picture a spherical balloon that is constantly inflating and deflating with air, you can see this in action:

1

Each contraction or shrinking of the balloon would be what Keely called the “tractor” force, akin to gravity. Outside air pressure contracts the balloon towards the center.

2

Each expansion of the balloon would be the "pressor" force, where the center pushes outward against the surrounding air pressure, akin to "levity" or anti-gravity.

3

A stabilizing force not unlike the balloon skin itself, which balances out and equalizes the vibrations, would be called the "dominant."

8.3.1 GRAVITY REDEFINED AS A PUSH-PULL EFFECT BETWEEN TWO FORCES

Here, it is very important for us to remember that there are actually two different forces working together in the earth to create what we measure as gravity. In bluntly simple terms, gravity is not just "down;" it is the natural balance between the forces of "down" and "up."

So, using Keely's terminology, there is the tractor force that moves towards the core, and there is the pressor force that moves away from the core. Therefore,

What we interpret as "gravity" is the leftover force once the "up" and "down" energy movements have canceled each other out. Keely calls this point of balance the "dominant."

An easy way to visualize this is with a tug-of-war game, where two equal-sized teams of people pull on a long, thick rope as hard as they can. In the middle of the rope someone will tie a bright marker ribbon, and the objective is for one group to pull the rope far enough in their direction that the ribbon crosses a line that has been drawn on the ground. Once either team gets the ribbon to cross the line on their side, it means that they have pulled the other side far enough along to be considered the stronger team. If we look at the battle between gravity and levity as a different sort of game where the two "teams" are pushing towards each other instead of pulling away from each other, then gravity, the force that presses down, is always "winning" over levity by a set, balanced amount, which we now know as the "gravity constant."

8.3.2 OBSERVATIONAL PROOF OF PUSH-PULL EFFECT OF GRAVITY

Most people never consider that we see proof of this balanced interplay between gravity and levity every day. Think about conventional ideas of gravity for a moment; it is believed to be a force that causes two objects to be attracted to each other. If this is the only force that exists, then we should expect that when two objects get close enough to experience gravitational attraction to each other, they will literally come into contact with each other. However, all you need to do is look up at the Moon on any given night, and you can see the proof that this is not what happens! We know that the Moon has enough of a gravitational pull that it can cause the oceans to move, forming the tides on the Earth, and yet it always maintains a perfect distance from us with an ongoing and even orbital motion. To put it bluntly,

If there wasn't a constant push-pull of gravity and levity moving between the Earth and the Moon and balancing their positions, they would have crashed into each other long ago!

Another piece of evidence that is so often overlooked is with our satellites. There is a spherical band around the Earth in which objects can float indefinitely. While they are in this area, they will not drift away from the Earth, but they also will not drift any closer to the Earth. In this energy belt, all of our satellites are placed, so that many of them do not require any propulsion systems to stay in orbit; once they've been put there, they will stay there indefinitely, and any propulsion systems are only needed for slight changes in movement, if at all. This area could not exist if gravity was simply a one-way force. And now we have a problem with "space junk" that floats around in this energy layer, due to the fact that it never goes away; everything that has ever been released in this area is something that can potentially collide with satellites and other objects. Many satellite observatories on Earth actively track the larger pieces of space junk to avoid damage to their equipment, and it is becoming more and more publicly known that this is growing into a very real problem that will need to be dealt with in the not-too-distant future.

Furthermore, recent advances in "Big Bang" cosmology theory have essentially come to the irrefutable conclusion that levity must push between large-scale structures in the Universe in order for them to be able to repel each other without colliding. So here again, we have an example of how thoughts are changing, but this line of reasoning has not yet worked its way back to our own local area and theories of Earth's gravity.

For another piece of proof, we can again cite the work of Richard Pasichnyk on his Living Cosmos website at <http://www.livingcosmos.com/earth.htm>, page 12, to make the point yet again:

Downward from the Earth's surface, [gravity's] primary differentiation with depth is accompanied by the progressive decline to zero of the force of gravity at the center of the Earth. Normal gravitational force, downwardly directed, is replaced by a reversed upwardly directed force at depths greater than 2,700 kilometers (1,678 miles), which would pull matter away from the core. This is especially true because the core is now known to be much hotter than previously thought.

This is why research involving deep mines and boreholes has shown different values for gravity with depth. In fact, a person deep within a mine weighs less than that same person on a mountain top. Moreover, those scientists studying the phenomena have called for a new model of the Earth, but long-held theories are not easily dismissed. As a result, the phenomena has been virtually ignored.

8.4 ABSORBING GRAVITY WITHOUT ABSORBING LEVITY

So, if this push and pull tug-of-war game is constantly being fought between gravity and levity, then gravity is always slightly winning the game on the Earth's surface. However, since the two forces are actually very close to being in an exact balance with each other, if you can somehow absorb some of the downward-contracting gravitational force without absorbing the up-pressing "levity" force, then the Earth's levity will naturally push you away from its surface, thus creating anti-gravity.

Now at first, the idea of being able to absorb one force without absorbing the other doesn't seem possible. However, in Dmitriev et al.'s scientific model, we

know that a "vacuum domain" or consciousness unit is actively absorbing gravitational energy and transforming it into electromagnetic energy and Light, since all these fields are different forms of the aether in motion. We are also told in Dmitriev et al.'s study that a "vacuum domain" has a definite, polarized "direction" for its gravitational effects; one end of the tube that runs through the center of the sphere will increase the weight of objects and one end will decrease the weight of objects.

This is not the way that gravity functions on Earth, obviously. The Earth has a magnetic field that is shaped like a spherical torus, but gravity moves uniformly throughout its surface; nothing will appear heavier on the north or south pole than it will on the rest of the Earth. However, when we create a "vacuum domain" as Dr. Dmitriev et al. define it, we have an area where the electromagnetic movement and gravitational movement both flow together, and this is very different than what we see on the planets; we can indeed have a "north gravitational pole" and a "south gravitational pole." In everyday scientific observations, gravity is much weaker than electromagnetism by an order of 40 magnitudes, but inside a VD all the rules have changed and the power to absorb and / or repel this energy changes dramatically. So for our purposes, we will refer to these polarized formations as "polarized CUs," since other CUs, such as those surrounding the planets, do not possess this unique property.

So, when we add in the fact that 'gravitational energy' is a balance between two forces, then we may very well be able to absorb the energy of gravity more than levity, or vice versa. As we shall see in the next few paragraphs, the direction that the outside of the polarized CU is rolling will determine which force it absorbs more of. If this seems hard to visualize, just look back to the idea of water going down the drain in your sink. If the flow in the polarized CU is moving from the north pole down to the south pole, then the "drain" will naturally absorb more of the downward-flowing gravity force, transforming it into electromagnetic energy and visible light. At the south pole there is another "drain" that will simultaneously push away from the upward-flowing levity force. And with this setup, you can build an anti-gravity machine!

But wait, you say. How do we get this "gravity drain" to move through a solid machine? Wouldn't we need to build a hole in the middle so that our spherical energy field could freely flow through the device? Would everyone's hovercraft have to look like a donut? How could the spherical energy circulate through it otherwise?

For the answer, we go back to Dr. Dmitriev et al.'s list of the nine properties of vacuum domains. If we remember, the very first property of a "vacuum domain" is that it fully penetrates through the matter it surrounds. This is exactly what is occurring in the Searl Levity Disc. You do not need to build a hole in the middle of your machine, because the middle of the spherical torus will automatically pass right through the machine! These forces are not hindered in their movement by the presence of matter, but blow right through it just as gravity moves through the Earth.

So then, as the center of the torus passes through the matter that makes up the center of the machine, the entire torus rolls over itself inside-out like a smoke ring, in a constant flowing motion. It can only roll in one of two ways: either rolling "downwards" through its center from the north pole to the south

pole, like water pouring down a drain, or “upwards” through its center from south to north, like water spraying up through a fountain. The direction of the rolling movement will depend on how the polarized CU was initially formed, so different machines could be built for the two different directions. So, to summarize this point, we can say that:

The total balance between gravity and levity forces acting on a polarized CU will increase or decrease depending on which direction its energy is “rolling,” either “up” or “down.”

We will explain how this is possible so that it is absolutely clear for those who are interested. First of all, let’s not forget that the outer surface of the torus expands and contracts in size. If you draw two dots on an inflated balloon and measure the space between them, then deflate the balloon and measure the space between the dots again, it will obviously be smaller the second time. Similarly, on the outside of the sphere the energy is fully stretched out and relaxed, whereas once it moves through the middle of the sphere it becomes compressed, and thereby more energetic. This means that the greatest force and fastest movement is in the tubelike center of the torus. This is no different than the Earth’s elliptical orbit around the Sun. When the Earth is at its furthest point, known as “aphelion,” it moves more slowly, but as it approaches “perihelion,” when it is closest to the Sun, it moves much more quickly. This speeding-up effect is often used to increase the velocity of satellites by moving them close to a planet or moon, and scientists refer to it as the “slingshot effect.” A very dramatic portrayal of this process can be seen in Arthur C. Clarke’s movie “2010,” with American and Russian scientists onboard a Russian ship called the Leonov.

On Earth, the best physical example that we have for this increased movement in the center of a polarized CU is in the case of a tornado. The central “funnel cloud” flows like a raging whirlpool, because the energetic surface of the CU is being compressed as it moves through the “tube.” The outside sphere, which is usually not even visible, flows much more slowly, because its surface is fully expanded. This is no different than the slow-moving waters that always surround a whirlpool in the center, which you can see every time you drain water out of the bathtub or sink. [This can also be seen in the activity of the Sun’s magnetic field, known to us as the heliosphere. NASA’s Ulysses space probe determined that energy moves much more quickly above and below the Sun’s poles than it does in the surrounding areas.]

In a tornado, the funnel cloud is usually seen to “touch down” from the sky. This means that the rotational movement is traveling downwards in the center, and obviously upwards around the outside of the spherical energy field that forms around it, which is typically not visible. So, as the direction of energy flow in the torus moves downward to the center, the downward-moving gravitational force will be captured and drawn into the glowing, energetic core of the tornado and transformed into energy and light, as Dr. Dmitriev et al.’s equations and Keely’s studies project.

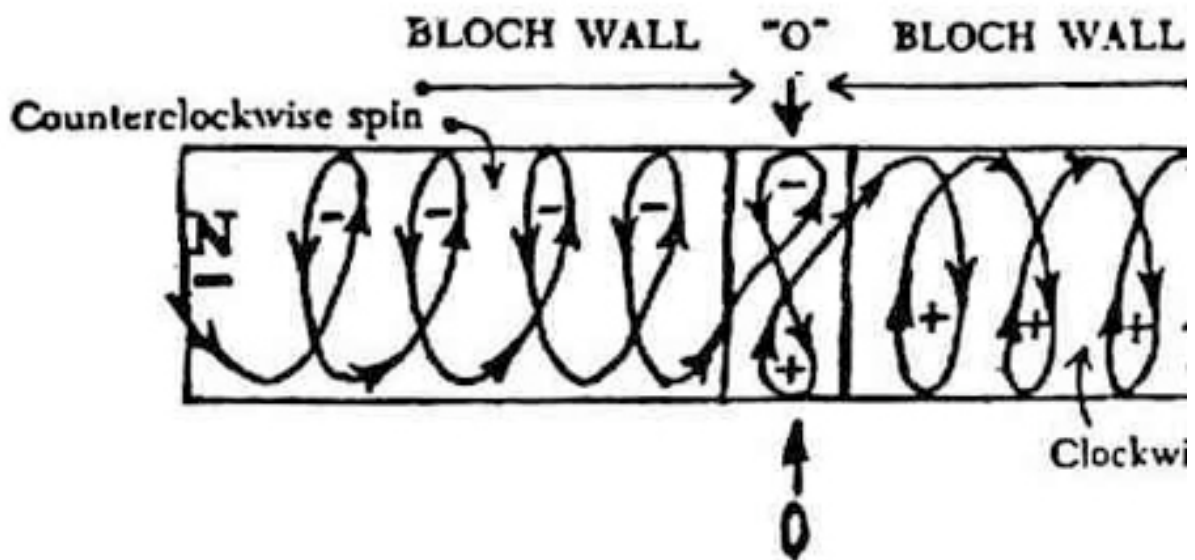
Then at this point, the upward-pressing “levity” force from the Earth can supercede the force of gravity, and objects on the Earth will be pushed away from the Earth’s surface into the tornado. No vacuum is required within the tornado itself, as was observed in the 1951 case from Texas, as this is an

energetic process. The tornado's power for levitation has absolutely nothing to do with air pressure or suction, and just to make the point abundantly clear we will cover Dr. Dmitriev's surprising research on tornadoes more fully in our next chapter.

So, if we reverse this process so that the field of the spherical torus is flowing upwards through the center, then it will suck more of the "levity" force into itself and thus cause the downward-moving gravity to become even more effective on the object, causing it to appear to weigh more. Understanding what direction the spherical torus needs to flow in order to produce anti-gravity will be important for those who will use these concepts to build working models.

8.5 ZERO-SPIN ENERGY TRANSFER

Another important observation from Dr. Richard LeFors Clark is that in the center of any magnetic field, there is a point of "zero-spin energy transfer." In order for the entire outside of the field to rotate, it has to change direction in the center. So, this would mean that if you have a clockwise vortex rotation at the North Pole, you will have a counterclockwise rotation at the South Pole. In the middle there is no rotation at all. This area of zero-spin energy transfer is also referred to as a "Bloch Wall," and Dr. LeFors Clark associates it with anti-gravity effects. This can be seen in the next diagram, co-opted from Dr. LeFors Clark, which shows how the rotational change occurs inside a bar magnet. We should also remember here that this diagram does not show us the normal spherical torus field that surrounds the bar magnet, only a tracing of the rotational movement inside.



Dr. Richard LeFors Clark's diagram of the rotational change in a magnetic field.

With our understanding of this principle, we are better equipped to see the importance of the exact center of any given consciousness unit, polarized or otherwise. This is an area where there is no rotational movement and tremendous energy. Keely also discovered this phenomenon and named it the

"neutral center."

8.6 NEUTRAL CENTER: THE SEAT OF THE ONENESS

The second most important principle in Keely's model is that of the "neutral center." This neutral center will always be at the exact center of any CU or harmonic sphere of aether / Light. Think again to the 1951 observation of a glowing mass in the center of the tornado column to understand why the center of the CU is so important. Keely wrote very eloquently about how the true core of this "neutral center" is unthinkably small, but yet still serves as the unified, ultimate center of all the aetheric forces at work. All instreaming aether, such as in the case of Earth's gravity, would compress into the neutral center, where the pressures would have to be simply unimaginable. However, in that same spot the overall gravity force would be very low, since there would be no place else for the two opposing forces to "move" to when they are already at the point of perfect balance. So, at that point, even though the pressure is very high, the gravitational and energetic forces are perfectly neutral, hence the name "neutral center."

In Keely's model, this Center would represent the true Oneness of God, the unity of all vibrations. Every CU throughout the entire Universe, (including the hierarchy of human spiritual bodies,) is connected to every other by this Center, in which there is no space and no time, just Oneness. And on the metaphysical or spiritual level, we are asked to visualize that all matter, all aether, all Love, all Light, all Life, all the Universe ultimately emanates from this one single point of energy, which can be called God or The One. Furthermore, space is the illusion that is formed as aetheric energy flows into and out of this center, when in reality the center is everywhere and nowhere at the same time!

Confusing, right? Some of these concepts can require a great deal of mental flexibility. Even though this is obviously not the easiest thing to visualize, we can make it easier to see. Imagine that all of the visible Universe is arranged on the outside skin of a balloon, and then you suck all the air out of the balloon. Once the air is gone, let's say that the entire outside surface of the balloon shrinks up into a single, tiny point. So, if everything on the balloon's surface still "exists" somehow, then what do you have left at that point?

The entire Universe then exists in that One Point in the center,

only in that moment it was entirely "infolded!" When you blow up the balloon again,

The entire universe then unfolds from that One Point in the center to form the "illusion" of space and time.

This might seem preposterous on one level, but sources such as the Seth Material insist that this is exactly how our multidimensional universe actually functions. However, for our purposes the energy is constantly pulsating into and out of the center so quickly that we could never normally detect the times when the energy of the Universe is totally focused in the center; it appears to be simultaneous, where all vibrations exist at once. Some people have had the experience of moving into this Center, which the Ra group refers to as "intelligent infinity." It is always seen as a blinding white light and a feeling of

vast, unspeakable joy. Everyone who sees it immediately recognizes it as their true, ultimate Home, and in certain cases they have a hard time leaving it behind to return to their "normal" existence here on Earth.

Now again, any time that a spherical energy field is breathing in and out from the center point in our universe, we have a "consciousness unit." As we go on we'll be explaining that nothing else BUT "consciousness units" exist, in various forms, subatomic through cosmic. Furthermore,

The energy of all CUs in the universe is constantly compressing into and back out of this single "point" of Oneness at a speed that is much faster than our physical bodies are capable of perceiving.

At that Center point, there is no time, no space, no movement. So, as the energy flows into the center in a spherical "consciousness unit" such as in the case of a tornado or ball lightning, so too does it radiate back out of the center. This is just like a continuous "breathing" motion. If we could slow the energy movement down to a sufficient degree in a polarized CU that is flowing from north to south, then we would see pulses of energy emerge from the center, flow down the tube, out the south pole, curve over the bottom and then the outside of the sphere, then over the top and down again into the north pole of the tube to be reabsorbed into the Center. (And as we shall see in future chapters, the surface of the Sun shows incontrovertible evidence of a heaving movement, where its surface is noticeably increasing and decreasing in size over a 160-minute period of time.)

8.7 SUMMARY OF "TRACTOR", "PRESSOR" AND "DOMINANT" FORCES

So, to summarize these points and tie them back in to Keely's three major forces, we can say that:

Energy force, such as gravity, streams into an object as the "tractor" force and upholds its molecular structure as it moves through.

Once the energy force moves into the neutral Center it merges back into the Oneness and is transformed.

Then, that transformed energy moves away from the Center in the opposite direction, thus producing the "pressor" or out-pushing force. This is also required to nourish and support the molecular structures with energy.

As the two movements naturally balance in the "dominant" or stabilizing force, this completes the cycle of matter creation or the "breath of life."

At this point, let's not forget that Keely also used a spherical torus as the fundamental model for aetheric activity, just as we demonstrated in the last chapter. So, once again we have a case where the lost secrets of the Universe were discovered and harnessed, only to be lost yet again so that others must rediscover them later on. And indeed, after his death in 1898, a supporter of Keely's work said that it would take 100 years before someone would come along and be able to understand what he had done.

8.8 USING SOUND TO ALTER THE PROPERTIES OF MASS

So, Keely could clearly see that vibration was the underlying key to all physical matter. He realized that even though this vibration occurred in a form of energy that we couldn't physically see, it could still be measured. And Keely discovered something else that is so absurdly simple that most readers will probably be quite surprised that they hadn't thought of it by this point. Without using the complex magnetic rings and rollers of Dr. Searl, Keely was able to create an energetic CU around an object with sound frequencies! Here we will explain how it works:

1

A physical object is made from the flow of aether.

2

By vibrating the object at a very pure sound frequency, you automatically will vibrate the aether that creates it as well.

3

Once you set up a vibration in the aether, you can focus and direct it just as Dr. DePalma and Dr. Searl did with magnetism and rotation. The principle is the same: you are causing the aether to flow in a specific direction that is different from its natural "balanced" state.

4

By concentrating sound pulses directly into the center of the object, "ripples" or "waves" of vibration are created through the object itself as well as in the aether that forms it.

5

When these vibrations reach the center, they will collide into each other and then be forced to spray away from the center, forming Keely's "pressor" waves.

6

Once this "directional" flow of aether begins, a gateway is formed where the high pressure of the aether vibrations will bleed through into physical form as we have described above.

7

This "bleed through" will then create a "vacuum domain" or what we are now calling a "consciousness unit," forming all nine of the properties in Dr. Dmitriev's list including anti-gravity and electromagnetic fields.

8

Thus, you get "energy" from "sound" by forming a bridge that allows the massive energy of the aether to flow into our physical reality. (And we remember that the volume of this energy in a single light bulb is strong enough to boil all the world's oceans.)

Keely knew that gravity was simply the large-scale push-pull motion of aether, and matter is also made of aether that naturally vibrates at a certain frequency. If he could use a very pure resonance to cause an object to vibrate in perfect harmony, then it was possible to cause a current of aetheric energy to flow around the object, which would allow it to either increase or decrease the effects of gravity on it, as we have described.

But wait, you say! Gravity isn't just a force that needs to be overcome, it is also our source for the energy of the Universe that all physical matter must draw off of to sustain itself! So if you cut off the effect of gravity, wouldn't you also cut off the lifeblood of any matter inside, thus causing it to either dissolve or explode? In some cases this might happen, but if you design your anti-gravity system well, it will not. Here's the explanation:

Inside the spherical field of the CU, the matter does not collapse, even though it is "cut off" from the normal flow of gravitational energy from the Earth that surrounds it on the outside.

Remember that by Dr. Dmitriev et al.'s definition, a polarized CU forms its OWN gravitational field and "breathes" into and out of the center point in its own right, in exactly the same way that the Earth does with its gravitational field.

Therefore, the matter inside the sphere of the CU is now being supported and replenished by the sphere itself, not the energy outside of it.

Inside the spherical energy field, therefore, you are only affected by the natural gravitation and inertia of the CU itself. This means that you could effortlessly move through space at high speeds and make sharp turns without hurting yourself.

Furthermore, just as we explained above, Keely could use the same principles of the polarized "consciousness unit" to make an object's weight much heavier by causing it to flow "upwards" and absorb more of the levity force. And to get right to the point, Keely's most impressive accomplishment in these areas was the production of a flying craft using these principles. This is covered in an article on KeelyNet by Dan Davidson. The article, in turn, is excerpted from his book *A Breakthrough to New Free Energy Sources*:

John W. Keely, discoverer of Sympathetic Vibratory Physics, found a means of negating the effect of gravity as well as developing a form of propulsion.

From 1888 to 1893, Keely worked on developing his system of "Aerial Navigation." The first successful test was in 1893 which led the way to the construction of an aerial craft.

In 1896, Mr. Keely had so perfected his system that he arranged to give a demonstration of the aerial craft to the United States War Department. In attendance at the demonstration were a number of invited members of the press.

Descriptions of the craft state that it was a circular platform roughly 6 feet in diameter. On this platform was mounted a small stool set before a keyboard. The keyboard was attached to numerous tuned resonance plates and vibratory mechanisms.

[Note: We can assume that Keely had some mechanical process, possibly electrical, for keeping the vibratory mechanisms and tuned plates going. This appears to be what created the "polarized field" indicated in the next paragraph below.]

Mr. Keely explained that these plates would cause the craft to rise and float above the ground when subjected to a polarized field which would generate a "negative attraction." When the effect was produced, the craft would come under the influence of [what Keely referred to as] the "etheric polar current."

The controlling mechanism consisted of a row of 100 vibratory bars representing the enharmonic and diatonic scales. When half of the bars were damped the craft would move at 500 miles per hour. If all the bars were damped, gravity would resume control and the craft would settle to the earth. [Note: Obviously these bars are not the main generators of the sound vibrations; they only change the way the vibrations are flowing through the device by their resonance. Dampening certain bars allowed Keely to make slight changes in the direction of the flow in the CU that was surrounding the craft, thus changing how the craft traveled through Earth's gravity.]

There were no moving parts in the ship's propelling mechanism. [Note: However, it is still producing a "polarized field" somehow to create the main vibrations that allow it to levitate.] It was unaffected by weather and could rise above any storm. The instrument for guiding the airship was distinctly different from the propelling feature. By damping out certain specific notes, Keely could cause the airship to accelerate to any desired speed. The experiment was carried out in an open field with observers from the War Department and news media. The ship was said to have accelerated from 0 to 500 miles per hour within a few seconds.

Most astounding was the apparent total lack of acceleration effects to Mr. Keely as he sat on the stool before the keyboard, controlling the airship. Although the government officials were impressed, they stated [that] they could see no use for such a complex device and so did not pursue the matter further. (Remember [that] the Wright Brothers did not demonstrate their airplane at Kittyhawk, NC until December 17, 1903; seven years later!)

When we see that Keely was unaffected by the "g-forces" of inertia as the craft flew, we should immediately be aware of how this would occur. The area around the craft itself was not being affected by the aether as an ordinary object would be. And thus, as the craft sped through the air, it produced its own energy field that counteracted the natural pressure of the aether around it. Keely felt no acceleration because he was trapped within the spherical bubble of energy that prevented the aether pressure from changing inside. Similarly, many UFO sightings have reported split-second 90-degree turns at speeds so fast that conventional g-forces would completely destroy the body of any pilot inside.

In the rest of this chapter, we will detail other examples of sound-induced levitation that will help make the whole idea "feel" more possible to us, instead of allowing it to simply appear to be "too good to be true." And for those who are interested, there is quite a bit more to learn about Keely's work on the KeelyNet website, and the book *Physics of Love* by Dale Pond is a comprehensive introduction to Keely's work and the harmonic physics of sound, light and geometry that go along with it.

8.9 TIBETAN ACOUSTIC LEVITATION

A similar usage of sound to produce levitation is the now-infamous story of Tibetan Acoustic Levitation. Various tidbits of the story emerge repeatedly in the discussion rooms and articles on free energy and UFO websites, however the best treatment of this story that we have found is in an article by Bruce Cathie in the book *Anti-Gravity and the World Grid*. The beginning of the report is transcribed from a German magazine article that was translated into English; and we begin at the point where the translated article starts.

We know from the priests of the far east that they were able to lift heavy boulders up high mountains with the help of groups of various sounds... the knowledge of the various vibrations in the audio range demonstrates to a scientist of physics that a vibrating and condensed sound field can nullify the power of gravitation. Swedish engineer Olaf Alexanderson wrote about this phenomenon in the publication, *Implosion* No. 13.

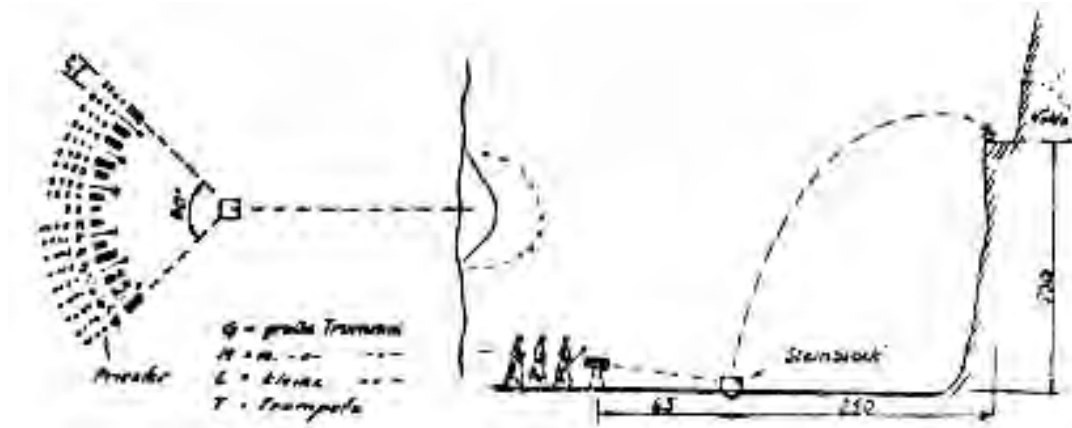
The following report is based on observations which were made only 20 years ago in Tibet. I have this report from civil engineer and flight manager Henry Kjelson, a friend of mine. He later on included this report in his book, *The Lost Techniques*. This is his report:

A Swedish doctor, Dr. Jarl, a friend of Kjelson's, studied at Oxford. During those times he became friends with a young Tibetan student. A couple of years later in 1939, Dr. Jarl made a journey to Egypt for the English Scientific Society. There he was seen by a messenger of his Tibetan friend, and urgently requested to come to Tibet to treat a high Lama.

After Dr. Jarl got the leave he followed the messenger and arrived after a long journey by plane and Yak caravans at the monastery, where the old Lama and his friend who was now holding a high position were now living.

Dr. Jarl stayed there for some time, and because of his friendship with the Tibetans he learned a lot of things that other foreigners had no chance to hear about or observe.

One day his friend took him to a place in the neighborhood of the monastery and showed him a sloping meadow which was surrounded in the northwest by high cliffs. In one of the rock walls, at a height of about 250 meters, was a big hole which looked like the entrance to a cave. In front of this hole there was a platform on which the monks were building a rock wall. The only access to this platform was from the top of the cliff and the monks lowered themselves down with the help of ropes.



In the middle of the meadow, about 250 meters from the cliff, was a polished slab of rock with a bowl-like cavity in the center. [Note: This is part of how the sound resonance was focused on the object.] The bowl had a diameter of one meter and a depth of 15 centimeters. A block of stone was maneuvered into this cavity by Yak oxen. The block was one meter wide and one and one-half meters long. Then 19 musical instruments were set in an arc of 90 degrees at a distance of 63 meters from the stone slab. The radius of 63 meters was measured out accurately. The musical instruments consisted of 13 drums and six trumpets. (Ragdons).

[Note: At this point the exact measurements of all the instruments are given in detail, which we have omitted here for brevity, as these measurements are discussed further in the chapter.]

All the drums were open at one end, while the other end had a bottom of metal, on which the monks beat with big leather clubs. Behind each instrument was a row of monks. The situation is demonstrated in the following diagram (see above.)

When the stone was in position the monk behind the small drum gave a signal to start the concert. The small drum had a very sharp sound, and could be heard even with the other instruments making a terrible din. All the monks were singing and chanting a prayer, slowly increasing the tempo of this unbelievable noise. During the first four minutes nothing happened, then as the speed of the drumming and the noise increased, the big stone block started to rock and sway, and suddenly it took off into the air with an increasing speed in the direction of the platform in front of the cave hole 250 meters high. After three minutes of ascent it landed on the platform. [Note: Pay attention to the fact that it took three minutes to rise 250 meters. We are not talking about a "cannonball" effect. Slowly, the levity force overtook the gravity force and the stone lazily rose into the air.]

Continuously they brought new blocks to the meadow, and the monks using this method transported 5 to 6 blocks per hour on a parabolic flight track approximately 500 meters long and 250 meters high. From time to time a stone split, and the monks moved the split stones away. Quite an unbelievable task.

Dr. Jarl knew about the hurling of the stones. Tibetan experts like Linaver, Spalding and Huc had spoken about it, but they had never seen it. So Dr. Jarl was the first foreigner who had the opportunity to see this remarkable

spectacle. Because he had the opinion in the beginning that he was the victim of mass-psychosis, he made two films of the incident. The films showed exactly the same things that he had witnessed.

The English Society for which Dr. Jarl was working confiscated the two films and declared them classified. They will not be released until 1990. This action is rather hard to explain, or understand. : End of trans.'

[Note: And now we have the beginning of Cathie's comments:]

The fact that the films were immediately classified is not very hard to understand once the given measurements are transposed into their geometric equivalents. It then becomes evident that the monks in Tibet are fully conversant with the laws governing the structure of matter, which the scientists in the modern day western world are now frantically exploring. It appears, from the calculations, that the prayers being chanted by the monks did not have any direct bearing on the fact that the stones were levitated from the ground. The reaction was not initiated by the religious fervor of the group, but by the superior scientific knowledge held by the high priests. The secret is in the geometric placement of the musical instruments in relation to the stones to be levitated, and the harmonic tuning of the drums and trumpets. The combined loud chanting of the priests, using their voices at a certain pitch and rhythm most probably adds to the combined effect, but the subject matter of the chant, I believe, would be of no consequence.

Cathie's work then goes into an explanation of how these measurements work very well with his own discoveries of the energy harmonics of Planet Earth, and Cathie's work has already been covered in our book *The Shift of the Ages*. Cathie's findings point us directly towards the idea that the aether vibrates in harmonic resonance, and the vibrations can be measured very precisely and put into numbers. For now, what we should see is that this act of levitation is not a product of fantasy - the entire setup was carefully observed, measured and yes, even filmed. It took the stones three whole minutes to rise, so this was not simply a sudden catapulting effect; rather, it was more like a slow, deliberate movement.

8.9.1 SCIENTIFIC ANALYSIS OF TIBETAN ACOUSTIC LEVITATION

For those who are interested, an article by Dan Davidson helps us to put this amazing event into scientific terms. If the technical numbers and terms bother you, then simply skip past this excerpt and keep on reading, as it will not detract from your overall understanding of the concepts.

Monks with 19 musical instruments, consisting of 13 drums and five trumpets, were arranged in an arc of 90 degrees in front of the stone block. The instruments had the following measurements:

- 8 drums were 1 meter diameter x 1.5 meters deep x 3mm sheet iron and weighed 150 kg.
- 4 drums were 0.7 meter diameter x 1 meter deep
- 1 drum was 0.2 meter diameter x 0.3 meter deep
- All trumpets were 3.12 meters x 0.3 meters...

Calculations reveal that the volume of the large drums are similar to the stone block volume. The medium drums are one third the volume of the large drum

and the small drum is a 41st of the medium drum and 125th of the large drum. The exact volume of the large stone is not available; however, the harmonic relations of the drums implies it is about 1.5 cubic meters.

Another interesting aspect of this levitation demonstration is the small amount of power necessary to perform the levitation. The loudest tolerable sound pressure that a person can stand is approximately 280 dynes/cm². From physics analysis this translates to about 0.000094 watts/cm².

If we assume that each monk with his instrument produced one half this much sound energy (which is highly unlikely) and we make the further gross assumption that this is the amount of power that reaches the stone (actually sound dissipates rapidly over distance), we would have about 0.04 watts (i.e., (19 instruments + 19 x 4 monks) x 0.000094) hitting the huge stone block. This is an astoundingly small amount of energy actually hitting the 1.5 cubic meter stone to produce the effect.

To lift the stone 250 meters takes a prodigious amount of energy. Rocks such as granite and limestone have weights in the neighborhood of 150 - 175 pounds per cubic foot.

If we assume a nominal value of 160 pounds per cubic foot then the 1.5 cubic meter stones weighed around 8475 pounds (i.e., over 4 tons!!!). To lift the 8475 pounds 250 meters would require about 7 million ft-pounds of work (i.e., 8475 pounds X 250 meters / 0.30408 meters/foot = 6,968,035).

Since this was done over a 3 minute period then about 70 horsepower was produced (i.e., 7 x 10⁶ foot-pounds / 180 seconds / 550 horsepower/foot-pound/second = 70.384). This is equivalent to 52 kilowatts (i.e., 70.384 X 0.74570 kilowatts/horsepower = 52.5). The over unity power factor we obtain is 5,250,000 over unity (i.e., 52,500 watts/0.01 watts).

The monks were obviously tapping into a huge amount of free energy to levitate the huge stone blocks, or gravity requires little power to affect its operation once the principles are understood.

What Davidson missed in this analysis is that the "levity" force is already nearly as strong as the "gravity" force, so it isn't as hard to shift them as one might otherwise think.

Clearly, the entire arrangement was tailor-made to create waves of sound resonance that would reverberate within the stone to be moved, and absorb or reflect the downward-pressing force to create levitation. If we look back at the shape of the monks with their trumpets, we can see that they formed exactly one quarter of a circle, with all their sound pressure directed at the "bowl" depression in the ground that the stone sat in. Once the stone had reached a relatively pure level of sound resonance inside of itself, which took several minutes, a gateway for the aetheric energy to flow into our reality would be opened up, and a polarized spherical "consciousness unit" field would form around the object. Then, like water drifting into a whirlpool, the gravity would simply absorb into stone without pushing it down to the Earth, while the weaker levity or "pressor" force coming up from the Earth would win out, causing the stone to gradually rise. If you've ever seen a bubble of air slowly, slowly rise through a thick liquid, then you can see how these

differences in pressure could create a slow levitating effect.

Furthermore, we remember that Cathie didn't think that the chanting or concentration of the monks had anything to do with the final effect. However, the work that was displayed by gifted psychics such as Nina Kulagina helps us to see that the energy of consciousness, focused by the chanting and meditation, could certainly have been involved in the levitation. It is possible that without the extra "kick" of meditation to add more conscious energy to the mix and organize what was already forming there, this experiment could not be replicated. This dramatic display starts to make even more sense to us when we consider that the Tibetans might be the inheritors of a lost ancient aetheric science from an advanced technological society; and these topics were examined in *The Shift of the Ages*.

8.10 KEELY'S LEVITATION OF A 4-TON IRON SPHERE

Keely also appeared to have developed tools to interface acoustic or electromagnetic resonance with his own consciousness to produce the desired aetheric effects on physical matter, possibly changing the direction of "flow" in the CU by conscious thought energy alone. The excerpt, also from Davidson's article on the KeelyNet website that we just quoted, gives a concrete example of this that was seen by a witness.

Levitation of 4-Ton Iron Sphere:

After Keely's untimely death in 1898, several investigators from the Scientific American magazine staff went to Keely's laboratory looking for evidence to support the idea that Keely was a fraud.

They thought they found what they were looking for when they lifted the floorboards of a section of the laboratory and found a large cast iron sphere from which protruded pieces of iron pipe but the pipes were not connected to anything. The sphere was estimated to weigh 6,625 pounds and have a bursting strength of 28,000 pounds.

This event revived the charge that Keely had used compressed air to perform his miraculous feats; which, if true, would have earned Keely a fortune from compressed air inventions.

Research by a friend of mine uncovered a newspaper article [that was] written while Keely was still living, which tells the story of how the iron sphere got under the floorboards. It seems that the newsman who wrote the article had gone to see Keely for possible newsworthy information. He found the inventor in his laboratory tearing a large hole in the floor. Keely greeted the reporter but did not seem to be in a talkative mood as he appeared quite busy.

After enlarging the hole, Keely attached a strange belt with several mechanisms built into it to his waist. He then attached a thin wire leading from the belt to a large sphere resting in the corner of the laboratory.

After a few minutes of intense concentration by Keely the ponderous globe slowly lifted a few inches from the floor. Keely then floated the iron sphere over the hole in the floorboards and allowed the huge mass to settle to the

ground below the floor level. After a few adjustments to the belt mechanism Keely again seemed lost in rapt concentration. This time the globe slowly but inexorably settled itself into the earth, buried by the opposite of levitation; namely, supergravity.

Keely had evidently caused the apparent mass of the sphere to increase to such an extent that it sank into the firm earth much as a heavy rock sinks into mud. The inventor told the reporter that he was making room in his lab by clearing away outmoded equipment.

It is theorized that the belt mechanism Keely wore during the levitation feat tuned the atomic structure of the iron sphere so all the atoms were synchronized and aetheric force directed through the sphere caused it to levitate or gravitate.

Once again, we can clearly see that consciousness did indeed appear to factor in directly to the levitation and / or gravitation, as it may have in the Tibetan case. Although the majority of the effect was most likely produced by some form of resonating electromagnetic energy, it certainly looks as if Keely's mental concentration was important in directing the movement of this energy. He may or may not have actually moved the object with his hands to get it into position; the article only says that he "floated" it into position. The most interesting aspect of this case is that once again, it was witnessed by someone else and was therefore not simply hearsay.

8.11 SONOLUMINESCENCE

Keely's work also involved the idea that when water was vibrated at certain frequencies, visible light would emerge within it. He tied this in with the properties of sound to harness the aetheric energies. This phenomenon has now been duplicated through an experiment that is known as "Sonoluminescence." In this experiment, a spherical flask that is filled with water is vibrated at a certain frequency, low in pitch but very high in strength. In the below image we see a simple laboratory setup for this process, with the spherical flask in a clamp and high-intensity speakers mounted to either side of the sphere, with red power wires attached.

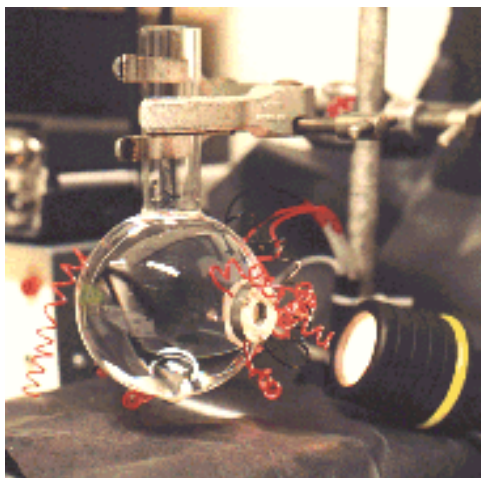


Photo from William Andrew Steer's laboratory research.

When the speakers are running, this arrangement causes a sonic force to be

directed towards the exact center of the sphere that the flask makes. Then, the scientist must introduce an air bubble into the water and carefully try to manipulate it into the center that the sound forces are pressing towards. Once an air bubble is properly fixed into the center, the vibrations will allow it to stay there, and an amazing thing happens; it starts emitting light.

At first, the scientists studying this believed that the light was constant, but now it has been shown through delicate measurements to be pulsating at a very rapid speed. The next image below shows a much more high-tech setup, where the spherical flask is housed within a special apparatus that obscures most of the flask from view.

No conventional explanation for why this might be happening exists, and many scientists have tried to explain it in conventional models. The most popular idea is that the extreme forces of sound create nuclear fusion, thus leading to the humorous term "the Star in a Jar." However, this flies completely in the face of the experiment itself, since the more that the water is cooled, the more light you get! By cooling the water, the amount of molecular vibration in it decreases, thus making it even easier for the sound vibrations to resonate purely.

Other conventional explanations for sonoluminescence sound equally absurd. However, we do know for a fact that the bubble inside shrinks significantly in size every time that a pulse of light is released, and this is occurring at extremely fast rates of speed. It is believed that this collapse creates such intense pressure that great energy is released, but the source of this energy remains a mystery to the mainstream.

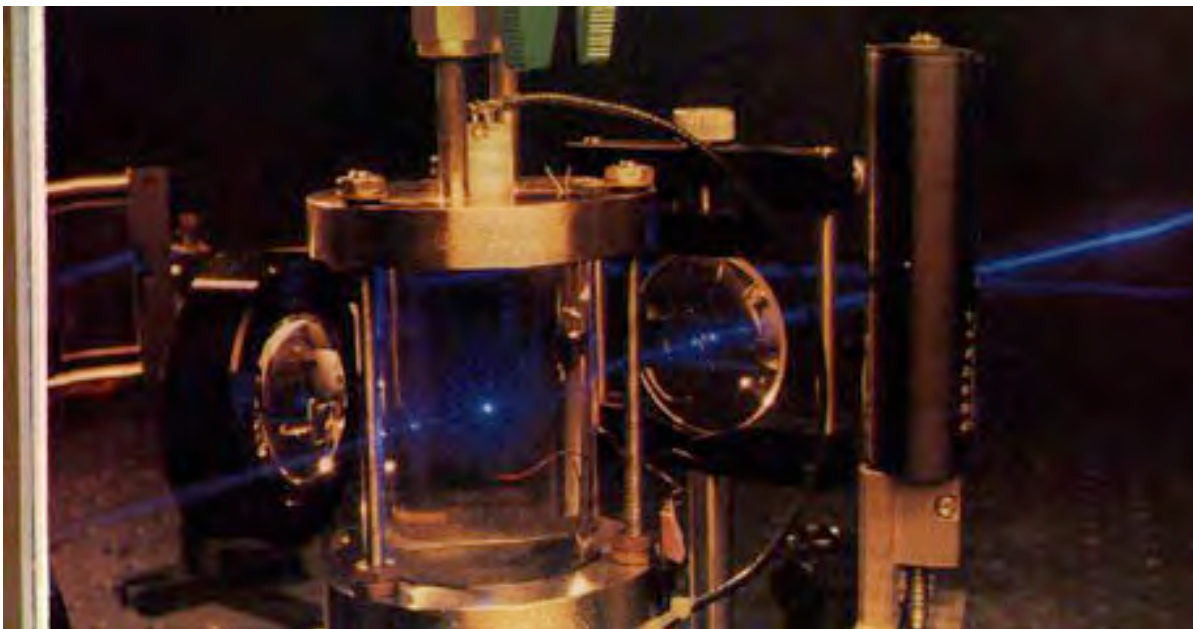


Photo from an article by Aaron Levinson.

Although John Keely mentioned this phenomenon in his own work, general credit is given to H. Frenzel and H. Schultes at the University of Cologne in 1934 as being the first to discover this. They were using very strong ultrasonic fields in water as part of their wartime research in marine acoustic radar. Although they were not looking for or expecting such results, they discovered to their surprise that clouds of unpredictable and non-synchronous flashing

bubbles of light were formed in the water in front of them. This is now known as "multi-bubble sonoluminescence" or MBSL. Little was done to advance this study until 1988, when D. Felipe Gaitan was able to trap a single bubble at the center of a flask that was vibrating at its own acoustic resonance level, and sonoluminescence was then seen.

Once Gaitan accomplished this effect, he became rather disinterested in pursuing it further, and Dr. S. Putterman et al. subsequently picked it up at UCLA, California. It was Putterman et al.'s research that determined that the internal bubble compresses to 1 / 100,000th of its original size due to the pressure of the sound, during which time the light is released. The flash of light is shorter than 100 picoseconds (or trillionths of a second) in duration, vibrating with extreme regularity every 100 millionths of a second. Putterman's studies eventually made it into Scientific American in February 1995, which dramatically increased public awareness and interest in the phenomenon.

An article excerpt from the Wall Street Journal on October 15, 1991 helps us to truly understand how significant this is:

...A photon of blue light given off by a single atom carries an energy of 3.5 electron volts. This is a trillion times more energy than any single atom in the tiny bubbles could have gained from the sound waves. He [Putterman] speculates that as each bubble implodes to about 1/100,000 of its original [size] volume, the energy and atoms in the bubble are concentrated to a tiny point.

The flash occurs when a million atoms simultaneously release this concentrated energy by giving off photons of blue light.

So, we can see that if we are producing a trillion times more energy than exists in the sound waves themselves in this experiment, then quite an incredible amount of energy is coming through from "nowhere." This is typically seen as a fusion reaction. However, as we have already said, by concentrating sound waves in such a fashion as this we can open up a "gateway" for the high-pressured aetheric "fluid" to flow into our physical reality, forming light, heat and energy.

Furthermore, the shape of the sphere is very important in all of this, as it helps to centralize the vibrations. The Tibetan monks were in a 90-degree circular formation, exactly one-fourth the size of a complete circle. The sound waves would resonate outward into a partially spherical field that absorbed downward-moving gravity force, and since all the sound pressure was coming from one side, it might have made it easier for the levity force to push up the stone in the opposite direction.

The same logic applies to sonoluminescence. An article by William Andrew Steer, working in the undergraduate teaching laboratory in the Physics Department of University College London, reveals that:

...the sphericity of the flask is very important. If there is more than a millimeter difference between polar and equatorial diameters, then the resonance becomes very much broader and less strong, requiring more electrical drive to achieve the same sound intensity in the flask.

8.12 SUMMARY / RECAP

Remember that we started out the last chapter by discussing "glowing magnetism" and the "ball-of-light" theory. Once again, we come back to the sphere, and its harmonic structure. So, by now we should be able to see that there is a remarkable similarity between the spherical device that Schappeller used to focus electromagnetic energy into "glowing magnetism" and the spherical flask that focuses sound waves to produce "sonoluminescence," which appears to be exactly the same thing. Both are showing us that "vacuum domains" or "consciousness units" can be directly visible through experiment, and that electromagnetic or light energy is not needed to create this effect. Almost all free-energy researchers agree that it is the background energy of the aether that is being harnessed in these reactions.

So, we have a lot to consider in this chapter. Normally outside of physical view, our reality is composed of an "aether" of pure Light that naturally assumes a spherical form. When the form is in motion, it becomes visible to us as a "photon," but when it remains in place as a "standing wave" it can form matter particles, ball lightning and possibly much larger bodies of energy as well. Both Schappeller and Nordberg believe that all of matter that makes up our physical universe began as glowing magnetism, and most of the matter that we can see in the universe, namely the stars, galaxies, nebula, quasars and the like, still exist in this state at their cores. Perhaps the physical matter that we see around us on Earth is more of a "cooled down" form of what originally started as glowing magnetism, which is still visible for us to see any time we go out and look at the stars, galaxies and heavenly bodies in the night sky.

8.1 For our purposes in this chapter and thereafter, we will replace the unwieldy-sounding term "vacuum domains" with the simpler and more all-inclusive term "consciousness units" or CUs. This term is used to respect the fact that the energy of the universe displays regularized qualities of intelligence based on its level of vibration.

8.2 Before all other free-energy researchers we discussed, there was John Ernst Worrell Keely, who performed amazing experiments that showed the connection between aetheric vibrations and sound. He also was not afraid to directly connect his energetic theories with the idea of an Ultimate Being and of the philosophy of love and light as the unifying force in the universe.

8.3 Keely indicated that there were three main aetheric forces to deal with: push, pull and stabilize, or as he called them, "tractor," "pressor" and "dominant."

8.3.1 What we interpret as "gravity" is the leftover force once the "up" and "down" energy movements have canceled each other out. Keely calls this point of balance the "dominant."

8.3.2 There is indeed observational evidence to suggest that Keely's model of gravity is correct. If there wasn't a constant push-pull of gravity and levity moving between the Earth and the Moon and balancing their positions, they would have crashed into each other long ago. The same is true for the Solar System, where the Sun contains 99.86% of the total mass and yet does not

attract the planets into itself. Within the Earth, we now know that normal gravitational force, downwardly directed, is replaced by a reversed upwardly directed force at depths greater than 2,700 kilometers (1,678 miles.)

8.4 If you can somehow absorb some of the downward-contracting gravitational force without absorbing the up-pressing "levity" force, then the Earth's levity will naturally push you away from its surface, thus creating anti-gravity. Within what we have called a polarized CU, the direction that the outside of the torus is rolling will determine which force it absorbs more of.

8.5 The two spiraling vortices in the polarized CU will show counter-rotational movement, as this is a requirement for the outside to move in a uniform fashion. The exact center of the CU, therefore, is an area of "zero-spin energy transfer," where there is no rotation as the clockwise spiral transforms into the counter-clockwise spiral. A diagram from Dr. Richard LeFors Clark shows us how this appears in a bar magnet, and the central area is called a "Bloch Wall."

8.6 John Keely named this area the "Neutral Center," and tied it in with a metaphysical concept. He believed that all matter, all aether, all Love, all Light, all Life, all the Universe ultimately emanates from this one single point of energy, which can be called God or The One. He also was able to manipulate the position of this center in an object and create anti-gravity and other effects as a result.

8.7 Here we summarize the effects of the tractor, pressor and dominant forces, including the idea that as the tractor and pressor forces naturally balance in the "dominant" or stabilizing force, this completes the cycle of matter creation or the "breath of life."

8.8 By concentrating sound pulses directly into the center of an object, "ripples" or "waves" of vibration are created through the object itself, as well as in the aether that forms it. This can form the spherical torus of energy that we have covered in detail so far, leading to the anti-gravity effect without any direct use of electromagnetic fields. Keely demonstrated this principle with a flying craft, which was publicly flown before the United States War Department in 1896.

8.9 Dr. Jarl from Sweden was the first foreigner on record to observe the ancient Tibetan practice of 'acoustic levitation.' Through a relatively simple setup involving drums and trumpets, giant stones were caused to slowly levitate in a parabolic pattern up to a cliff. This effect is made possible by the qualities we have previously mentioned, and Dr. Jarl's measurements revealed that all the trumpets and drums were precisely proportioned to the size of the levitating object. Though Dr. Jarl filmed this spectacle on two different occasions just to prove that it was real, the English Society for which Dr. Jarl was working confiscated the two films and declared them classified.

8.9.1 Dan Davidson's research reveals that the overunity power factor in the Tibetan Acoustic Levitation is 5,250,000 over unity (i.e., 52,500 watts/0.01 watts,) meaning that roughly 5,250,000 times more energy is being used to levitate the stones than is being directly emitted by the drums and trumpets. Bruce Cathie believes that this effect has nothing to do with consciousness, but it could well play a part, given what we know from the studies of Nina

Kulagina and others in the laboratory setting.

8.10 The idea of a consciousness connection to sound-based levitation processes is further supported by the observation of Keely levitating a four-ton iron sphere. A journalist came to his house and witnessed him wearing a small device attached to a belt with a metallic string coming out of it, which was then attached to the sphere. By adjusting the belt settings and concentrating intensely, Keely was able to get the sphere to levitate, move across the room and then plunge into the ground with evidence of its weight having substantially increased.

8.11 The phenomenon of "sonoluminescence" shows that sound energy can produce a trillion times more energy than it naturally exerts in a special laboratory condition. A bubble is suspended in water in the center of a spherical flask by the use of directed sound fields. Once the bubble is suspended, UCLA's Dr. S. Putterman et al. determined that the internal bubble compresses to 1 / 100,000th of its original size due to the pressure of the sound, during which time light is released. The flash of light is shorter than 100 picoseconds (or trillionths of a second) in duration, vibrating with extreme regularity every 100 millionths of a second. Putterman's studies eventually made it into Scientific American in February 1995

CHAPTER 09: VORTEXES, PROPULSION AND MATTER CHANGES

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9.1 OVERVIEW

In this chapter we will go even further to show the various anomalies that can be seen from the spiraling vortex energies of the polarized “consciousness unit,” (CU,) how they can be put to use, and their effects on the state of matter. We will cover Dr. Dmitriev’s anomalous findings regarding tornadoes, the Oregon Vortex, (a natural Earth anomaly that displays all characteristics of a polarized CU,) and the work of Victor Schauberger using flowing water as a propulsion system. Then we will segue into the next chapter, where we will discuss the deeper anomalies that have been seen in Earth energy vortexes such as the Bermuda Triangle, suggesting that higher-dimensional forces are somehow at work that can affect the passage of time as well.

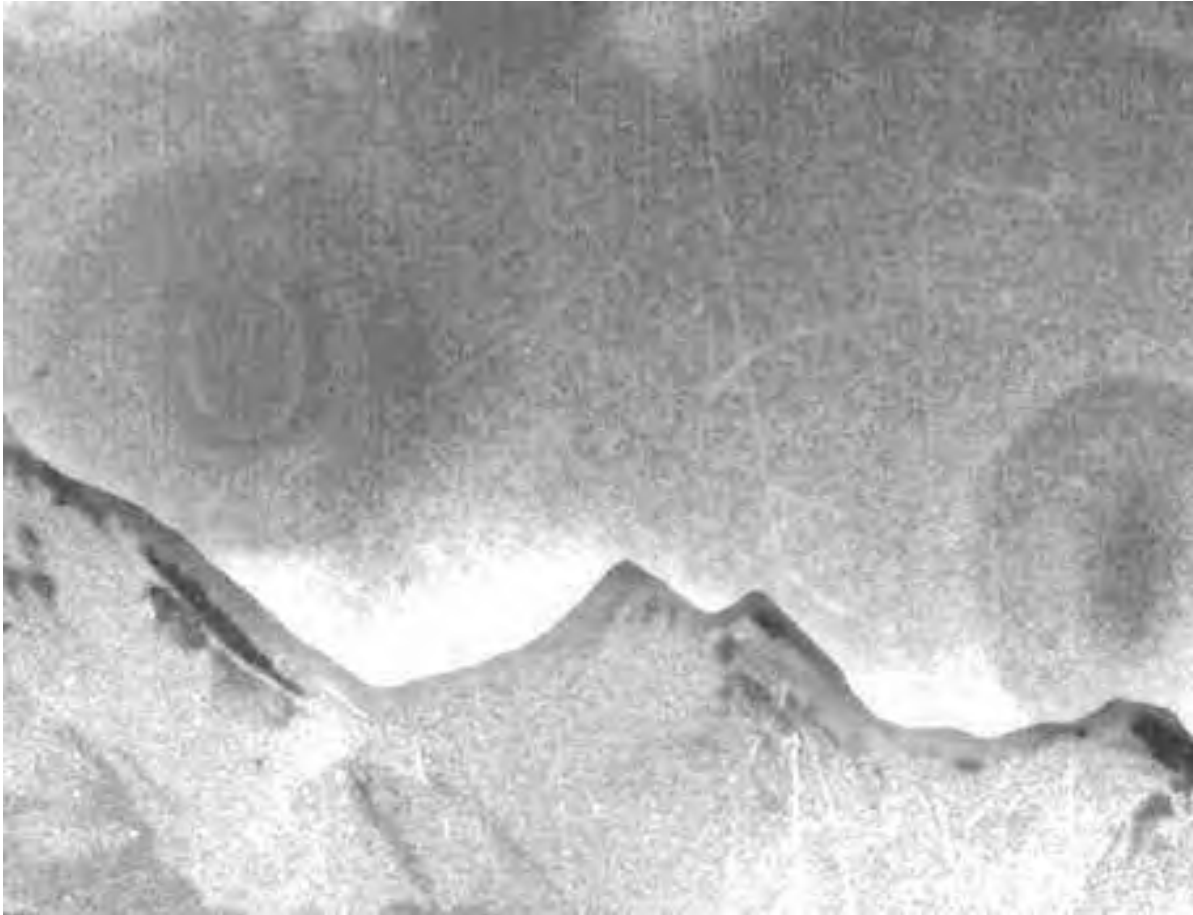
9.2 DR. DMITRIEV AND “TORNADO PHYSICS”

In Dmitriev’s paper “Electrogravodynamic Concept of Tornadoes,” his knowledge of “vacuum domains” or what we have called “polarized consciousness units” is applied directly to the task of understanding how and why tornadoes work the way that they do. As we have already said, a polarized consciousness unit is a sphere-shaped area of energy that has a hole through the center like a peeled orange. The tubelike area in the center has the fastest speed of movement and the most significant amount of energy, and it appears that in this area, gravity waves are directly transformed into electromagnetism and light; after all, these are simply different forms of on unified aetheric energy. In Dmitriev’s paper there is extensive documentation to support these claims, and interested readers should refer back to the paper for more information, as this will only be a summary that does not provide the extensive references that are listed therein.

Most scientists who study tornadoes see them as miniaturized versions of cyclones or hurricanes. In a hurricane it is well-known that a zone of high air pressure and a zone of low air pressure come together and begin spinning around each other, creating an intense, rotating weather system that can cause great disturbances. Similarly, in most cases a tornado is preceded by very dark, low-lying clouds that move at high speeds. So naturally, the conventional model simply agrees that the tornado’s energy and power emanates solely from its parent cloud and the movements that occur within that cloud. The conventional mathematical model, originally proposed by E.M. Brooks in 1949, requires the parent cloud to be at least three times bigger than the funnel cloud, and to have at least three layers inside of itself, the first two of which are counter-rotating. The high pressure of rotation around a central axis causes the air to be forced closer to the center, similar to a spinning ice skater pulling in her arms and thereby increasing the speed of her spin. For most, this model is unquestioned, and therefore this chapter might seem a waste of time or a gesture of scientific naïveté on our parts.

However, Dmitriev cites concrete evidence of cases where a funnel-cloud or

waterspout appeared all by itself, without any clouds overhead! Furthermore, as the cloud continued swirling around, what appeared to be a parent cloud formed around it. Now based on the information that we have already covered in this book, we have a means of explanation. A funnel cloud is actually the rotating central tube of a spherical torus of energy, which we have referred to as a polarized CU. These energetic formations do not require cloud activity to be created, as Dmitriev's research shows that they can be formed by the Sun to move through space and impact our ionosphere as "Atmospheric Holes," they can form as "ball lightning" and can also emerge from the earth as "natural self-luminous formations" (NSLFs) or "radar angels." (See next image for a rare, photographed example of two NSLFs from Russia.)



[Caption from <http://www.millennnigroup.com/repository/planetary/pfvd.html>:

Pic.1. Largescale NSLF above the Katun' mountain ridge.

The image was made aboard a helicopter on Aug. 19, 1972 at 11. local time. The observers' attention was drawn by "whitish shining spots in the direction of Mt. Belukha summits". Disk and oval shapes, so distinctly visible on the photo, were not observed visually. An estimate of the objects made using topographic charts of the region gives [them a diameter of] more than 1,5 km.]

So, in the cases where a tornado is seen to form without a parent cloud, what we have is an energetic process that has more to do with the movements beneath the Earth's surface than it does with the atmosphere. Dust and particles are drawn up into the whirling winds to make the funnel visible. Then, the energy that had formed the funnel cloud subsequently attracted

moisture from the atmosphere to itself, thus causing a "parent cloud" to form. However, to all conventional meteorological studies using the Brooks model, this is an impossible anomaly and must be discounted.

Dr. Dmitriev is not discounting the importance of atmospheric processes in tornado formation, but he insists that we're only seeing half of the equation if we do. No one has been able to satisfactorily explain why tornadoes originate where they do, as only certain places on Earth will have them, and it seems to Dmitriev that the answer lies in the fluidlike convection processes of movement in the lithosphere, under the Earth's crust. Until we see this interface between "top and bottom," we won't truly understand what is at work here.

If we remember from Chapter Seven, Dmitriev et al. had listed the properties of a "vacuum domain," which we have called a "polarized consciousness unit," and a host of ten different anomalies were given to show this in action. We remember that these vacuum domains can penetrate matter, and that some of the anomalies involved these energies moving through the Earth, or up out of the Earth. In particular, areas that are near earthquake faults have consistently given birth to NSLFs that have been observed, and when these formations rise higher into the sky they can be picked up by radar, and are then referred to as "radar angels." Modern equipment is built to weed out these false signals, but the "why" of their appearance is rarely mentioned.

9.2.1 UFO SIGHTINGS

Since we do not understand or have a model for these luminous phenomena, they certainly could account for a fair percentage of reported UFO sightings of lights in the sky, even including their effects on electromagnetic equipment. We are not citing this fact to try to discredit the many sightings that have had clear cases of metallic structure and other obvious signs of intelligent design. However, it is important for us to remember that our scientific study of these phenomena has long been seriously hampered by the overall media ban on any mention of UFO phenomena as being other than cases of "mass hysteria" or delusion. For this very reason, there are volumes of good scientific data that could help us study these particular cases, and yet they are continually discounted.

So in Dmitriev's model, the true formation of a tornado is a combined interaction of forces that doesn't just involve the atmosphere; it originates from this energetic action between the various layers of the Earth, some in the atmosphere and some in the Earth itself. And when we start looking at the anomalies surrounding the tornado phenomenon more closely, we should start seeing that "all is not well" in the conventional model. It's hard to believe that we've had such a concrete example of true levitation in front of us for so long, and yet we still are stuck into thinking that it has only to do with air suction! The data simply doesn't support this concept.

9.2.2 HOLE-PUNCH CLOUDS

And for those who think that the above photo of natural self-luminous formations must somehow be "faked" and that there is no other evidence that supports this idea, the next photo should raise some new questions. In Melbourne, Florida in November of 2000, Matt Bragaw and Peter Blottman

photographed some unusual cloud formations that were so outside of the "norm" that the National Weather Service gave them the impromptu new name of "hole-punch clouds."

In the article at <http://www.floridatoday.com/news/columnists/larimer/111200larimer.htm>, several pictures of these formations are given, and we are also told that they were aligned with the Earth's magnetic field, in a north-south direction. A similar occurrence had been witnessed and documented there in 1993. The explanations given by the meteorologists seem to be quite a stretch in lieu of Dr. Dmitriev's research.

...the 'hole-punch' features were aligned north/south. This suggests that there was some sort of 'wave' in the atmosphere that was causing rising/sinking air couplets.

"This would cause ice crystals in the descending portion of the wave to fall into the super cooled (liquid) cloud layer. When this occurs, the ice crystals grow (at the expense of the liquid droplets). Therefore, a hole opened in the deck of cirrocumulus.



"Hole Punch Clouds" in Melbourne, Florida – Nov. 12, 2000

Given the evidence now at hand, instead of an inexplicable "wave" in the atmosphere that peculiarly "wants" to run north to south and plop perfect ovals into the clouds with "air couplets," it is far more likely that these are created by natural self-luminous formations, aligned with Earth's magnetic field, that have arisen from the underground tectonic processes that are occurring in that area. Then, just as "radar angels" would do, they float up from the ground and create electromagnetic changes as they pass through the atmosphere. In this particular case, the cloud layer was thin and cold enough that the electromagnetic energy of the NSLF could ionize the clouds and thereby form the visible thin holes of ice crystals. These cloud formations might be visible far more often if it were not for the fact that most clouds are thick enough to absorb the impact of the rising energies, then dispersing them without making a visible formation.

9.2.3 LUMINOUS TORNADO ANOMALIES

Bearing our suggested explanation for the “hole-punch cloud” phenomenon in mind, let’s again turn our focus back to the tornadoes, and in Dr. Dmitriev’s research we will clearly see how many problems there are that the current models do not address. We will begin by looking again at some of the key phrases from the many sightings of luminous phenomena in tornadoes that Dmitriev has compiled:

- a ball of fire in the funnel
- lightning in the funnel cloud
- a yellow shining surface on the funnel cloud
- incessant lightning surrounding the tornado
- a fiery column in the tornado
- glowing clouds surrounding the tornado
- a brilliant shine from the tornado
- a brilliant luminous cloud inside the funnel
- beaded lightning surrounding the tornado
- exploding fireballs associated with the tornado
- a rotating band of deep blue light in the funnel
- a “Fourth of July pinwheel” effect of light from the funnel

When we look at this list of properties it should be immediately apparent to us that there are massive amounts of “free energy” being created by tornadoes. What Searl was able to harness with his Gyro Coils seems to pale in comparison to the amount of energy that would be required to produce such a constant amount of luminous phenomena. However, there are far more anomalies that we must keep in mind in order to fully understand the tornado phenomena for what it is.

9.3 TORNADO PHENOMENOLOGY

So here, we will briefly cover the eight points mentioned in section 2.1 of Dmitriev’s paper, entitled “Tornado Phenomenology,” in order to get full coverage of the anomalies that must be considered when studying tornadoes.

9.3.1 FUNNEL CLOUDS WITHOUT “PARENTS”

In point number 1, evidence that works against the conventional Brooks model of tornado formation is cited, through case histories where a parent cloud did not appear to be responsible for forming a funnel cloud. In a case reported by H.B. Wobus, a funnel left a cloud and moved forward, and soon a new cloud formed above it, reaching 10 kilometers in height. Then, for several hours after this new cloud was formed, intense lightning was seen within it. Of course, if meteorologists just choose to ignore this data, then everything is “fine” and the mistaken concepts can continue to be used without question.

Another interesting challenge to the Brooks tornado model comes from near Shanghai, China. While a person was out on a boat in the sea, the surface of the water near the boat suddenly began showing a spraying movement forming. In a very short amount of time, the spray formed into a rotating column that was about ten meters wide and six meters tall. Imagine how frightening this would have been if you were the one on that boat! At this point the column began growing rapidly in its size. Even though no clouds had formed above the cyclone at first, a cloud did eventually develop, which grew dark in color.

So, in both of these cases, the funnel cloud did not seem to require a parent cloud in order to function. If we have no direct atmospheric cause for the funnel to form, then we really don't have much else to explain it with, other than the idea that it is an unseen energetic formation. However, if the movements under the Earth produced a rotating burst of electro-gravitational energy that rose up and gathered up the water or atmosphere around it into its high-energy rotating central shaft, then everything begins to fit much more clearly.

9.3.2 HORIZONTAL TO VERTICAL MOVEMENT

Point number 2 that Dmitriev raises is that no one has truly come up with a satisfactory explanation for how the horizontal movement in the clouds is suddenly transformed to form the thin, vertical movement of the funnel cloud. When seen in the case of water going down a drain, we know that the drain is a "sink" that allows the water to flow down the hole with the force of gravity. Another way to simulate a tornado is to fill a clear glass jar $\frac{3}{4}$ full with water and then put the lid on and whirl the jar around quickly in circles. A tornado-like formation will indeed appear inside the water. However, this formation requires the pressure that is created by the glass walls of the jar, which extend from the top to the bottom of the funnel formation! So in order for the tornado to be able to support its central shaft, it must either be exchanging energy with the Earth as a sink or having some form of outside energy pushing on it to hold its shape together. Obviously the spherical energy field of the polarized consciousness unit would be responsible for the pressure on the central shaft seen in the tornado, in this case.

9.3.3 LEVITATION EFFECTS NOT CAUSED BY AIR SUCTION

In point number 3, Dmitriev begins by reminding us that clearly defined air walls can be seen inside of a funnel, and lightning will be seen to flash between them. Normally, the levitation effects associated with a tornado are thought to be solely a function of the vacuum of air inside. However, when a tornado is not in contact with the ground directly, no levitation effects are seen. Here we refer back again to the case from Texas in 1951, where a whopping 130-meter wide funnel cloud with walls that were three meters thick passed over an observer at the scant height of six meters, which is essentially lower than the standard tree level. As the person looked up into the funnel, a brilliant cloud of light could be seen, and there was no vacuum of air being produced, as breathing was not a problem. The walls had a very fast speed of rotation, and this movement could be observed all the way up to the top of the funnel itself. Shortly thereafter, the same funnel touched down onto a neighbor's house and immediately lifted it off of the ground.

Dr. Dmitriev explains that this is but one of many similar cases that prove that the levitation effect only occurs within the spiraling energy field of the tornado itself. He does remind us that measurements conducted in 1966 have proven that the air pressure inside the funnel cloud itself is low, but from the Texas data we know that beneath the funnel cloud, the air pressure is unchanged. This again suggests that the energetic interactions that form a tornado are far more mysterious than we have been led to believe. The rotation and air suction appears to be self-contained within the cloud itself, not spreading away from it but rather maintaining its structure inside of the spherical energy field.

9.3.4 ANOMALOUS MATTER PHASE CHANGES

In point number four, Dmitriev cites a whole host of anomalies that suggest that matter is capable of changing its basic form inside a tornado, becoming invisible and / or permeable to other matter. This point will actually become very central to our future discussions. In the conventional models, these observations are typically explained by the scientific observation that inside the funnel cloud itself, the air is directed in a downwards motion at a high rate of speed, but then when you measure the walls of the cloud, the air is moving upward at about 100 to 200 meters per second. In mainstream theories, this sudden reversal in the direction of air flow is conveniently used to explain many anomalous events that have occurred surrounding tornadoes. Dr. Dmitriev urges us to look more carefully and question whether the mundane explanation of opposing air flows could hold up in light of the following pieces of evidence. These first few points focus on the idea that the effects of a tornado can be very sharply different in areas that are only a few meters from each other. This, of course, is in stark contrast to the widespread damage caused by hurricanes and other forms of extreme weather:

- A funnel uprooted an apple tree, tearing it to pieces. A beehive standing a few meters from the tree remained unharmed.
- A two-story timber house was taken off with its inhabitants and torn to pieces. A staircase of three stairs had led to the front door and had a bench leaning against it, and both the bench and staircase were not moved.
- This same funnel proceeded to tear off two wheels from a car standing by, without disturbing the rest of the car, and an oil lamp that was sitting nearby on a table underneath a tree was still burning.

Regarding the situation with the car, it would appear that the tornado's energy had somehow weakened the lug nuts that held the wheels onto the car and thus released them, while not damaging the rest of the vehicle. If the metallic structure of the entire car had been weakened by the tornado's energy changes somehow, then the lug nuts simply gave way under the pressure, while the rest of the car was still able to resist coming apart. Certainly skeptics could try to concoct other fanciful explanations for this, but as we proceed the facts will only continue to suggest that this is the correct interpretation.

Before finding Dmitriev's paper, we had heard a story from a firsthand witness where a tornado passed through a given area, and a piece of straw had somehow ended up being fused halfway through a plate-glass window with no signs of breakage; but unfortunately, no photographs were available. Then, when discussing this topic with our friend Sabrina, she recounted stories that she had heard from a friend of hers in Oklahoma where a tornado had passed through, and part of the body of a cow had become fused into the wooden walls of the barn that it had been staying in. Since the effect was frighteningly fatal for the cow and the farmer did not want to attract attention or notoriety, this fact, like so many other similar tornado anomalies, was simply covered up.

How could such phenomena be possible? The only immediate explanation would be that in the area surrounding a tornado, there are distortions created in the "fabric" of space and time. Knowing what we now know about aetheric energy and its responsibility in creating matter, it would appear that in these

cases that:

In the high-energy rotating fields of the tornado, matter is brought to a higher vibrational state where it temporarily changes phase and is able to pass through other matter.

Then, when the tornado passes by and the energetic effects wear off, the matter again reverts back to its normal state and solidifies.

Now while these stories were interesting, we had no other means to support them with documentation at first. Then, our attention turned to the Internet for research, and we uncovered [this website](#):

The Great Bend, Kansas tornado of November 1915 is the tornado which seems to have the greatest number of oddities associated with it... an iron water hydrant was found full of splinters... Fictional oddities were added almost daily to the growing list of stories. An iron jug was blown inside out... a rooster was blown into a jug, with only its head sticking out of the neck of the container.

We can see here that the idea of an iron fire hydrant being able to "fill up" with splinters clearly violates the laws of physics. No matter how fast the splinters were traveling they should not have been able to penetrate metal. However, if the normally solid matter of the hydrant had become flexible and permeable to other matter, then this could be easily explained. The other reports from Great Bend are immediately treated as fiction, such as the idea that an iron jug could be blown inside out. However, both the hydrant and the jug are made of iron, a metal that is exceptionally responsive to magnetic fields, and we know from Dr. Dmitriev's work that there are very strong electromagnetic anomalies associated with tornadoes.

In the case of the jug reversing, it is possible that the tornado had somehow changed the matter state of the jug and made it as pliable as a sheet of rubber. Then, in the presence of low air pressure inside the funnel, the higher pressure inside the jug would suddenly blast out like a cannon, turning the jug inside out in the process. This is an entirely predictable phenomenon to occur in the case of a thin, elastic material exploding in such a manner. Similarly, the rooster may have been blown into a jug that had become permeable to physical matter, and later stuck its head out of the jug to breathe and attempt to escape once the tornado had passed and the jug solidified.

As an interesting aside, we can also bring in the information that suggests that human beings are sometimes capable of producing the higher vibrational energies that can cause these changes in metal to occur. Radio talk show host Laura Lee features an article at her website, www.lauralee.com, where she writes about her experiences in going to a "spoonbending" seminar. Of course, psychic Uri Geller was the first person to demonstrate and publicize this ability to bend metal in the 1970s, and in some cases he would appear on the radio and engage the audience in a collective metal-bending experiment. Numerous people, including small children, reported their astonishment at having achieved success in their own homes. At the seminar attended by Laura Lee, the presenter was able to raise the energy and enthusiasm of the participants into a high level, at which time they were instructed to hold spoons or forks in their hand and bend them by concentration alone. While

Laura Lee did not personally succeed in bending a spoon, she witnessed one male participant holding a fork solely at its base and causing the tines to slowly droop and fold over, as though the fork was being melted under great heat.

In these cases, the temperature of the silverware does not raise anywhere near enough to allow true melting to occur, and the effect only lasts for a short time. However, during the five or ten seconds when the metal is actively pliable, the participants can bend and shape it any way they like. Therefore, it would seem that the only other explanation is that certain, untapped forms of energy are capable of changing the molecular structure of matter, making it more pliable and permeable than would otherwise be possible. We have already seen that it is possible for human beings to create such energy fields through the Russian research on telekinesis that was conducted with Kulagina, Vinogradova and Ermolayev. When we begin looking more seriously at these anomalous changes in physical matter, we may well discover that our contemporary quantum theories are in need of revision – and this will be covered in some detail as we progress.

Getting back to our original point, we can see that the human psychic effect on metal in “spoonbending” is seen on a much larger level in the energy fields of the tornado, involving other kinds of matter as well. If there were only an isolated number of these anomalies, then skeptics could quickly dismiss them all as hearsay. However, once we discovered Dr. Dmitriev’s research, we found that he had cataloged a series of surprising facts in this area. In data that he cites from F.W. Lane in 1966 and T. Grazulis of Boulder, Colorado in 1993, we now have more anomalies to add to the list:

- A small pebble punctures a sheet of glass like a bullet, and does not form any fractures as it passes through.
- One board is seen to have penetrated another board without shattering it or causing any other visible damage; the two simply “fused together.”
- A burned and charred old wooden plank is seen to have punctured through the wall of a house made of timber. The weak, porous tip of the burnt plank was undamaged as it passed through the wall, even though it should have flaked apart very easily.
- A clover leaf was found to be pressed into a hard stucco wall deeply enough to form an indentation.
- A gate frame made from 1.5-inch thick sheet iron was found to be punctured by a stick of pine wood.

After looking at the facts, it seems almost ridiculous for mainstream researchers to conclude that all these effects could be created by nothing more than “high rotation speeds.” What we have is a clear violation of all known laws of physics! The only way that the clover leaf could have pressed into the stucco wall in such a manner would be if the wall itself had become as flexible and pliable as a liquid for a short time. There is no possible way that boards could fuse together, a piece of pine wood could penetrate an inch and a half of solid metal, or a weak, charred plank could penetrate through the walls of a house without breaking, under the accepted laws of physics. Yet, if matter is becoming fluidlike and permeable as the tornado passes by, these become completely normal observations.

We see that in the presence of the powerful energies of the tornado, matter can actually make phase changes, and perhaps even disappear altogether

from our known reality. If we continue to believe that atoms and molecules are simply made of hard "particles" then this wouldn't make much sense, but the new evidence that we will present suggests that atoms are simply electromagnetic fields of energy, and that energy ultimately is a measurable outcropping of the unseen, fluidlike "aether." In that case, atoms would certainly have more flexibility to change frequency. The Bermuda Triangle information will give us the proof that we need to see how this can happen.

9.3.5 WALLS WITHIN WALLS

Point number five in Dmitriev's list of tornado phenomena is that a circular vortex is often seen around the foot of a funnel cloud, forming a pillar of dust or water that rises and then falls to the earth, forming a cascade. In some cases this cascade can be as high as 2/3rds of the funnel itself, and it can even be wider than the actual height of the funnel cloud. Since conventional theories of funnel-cloud formation have no explanation for this, it is simply ignored. However, in many cases a funnel can be seen to have a second wall that entirely surrounds it, forming a collar or an envelope, and this second wall is also seen to rotate with high speed. And in rare cases, funnels have been seen to have a beadlike appearance to them, meaning that there are a series of spherical bulges in them instead of a smooth cone shape.

With the information that we have already surveyed in previous chapters, all of this data can be explained by the presence of spherical "vacuum domain" energetic forces. As we saw in the Roschin and Godin experiment, which replicated Dr. Searl's results with the Searl Effect Generator, a spherical torus of ionizing radiation was formed and a series of low-temperature magnetic "walls" then surrounded it. Therefore, the idea of "walls within walls" of nested energetic fields appears to be a normal byproduct of these energy fields. In these tornado cases, the additional "walls" are taking up dust or water and showing their visibility to a certain degree, and the bead-like bulges observed in the funnel could be smaller spherical energy fields that were moving through the larger field that had formed the tornado in the first place.

9.3.6 JUMPING MOVEMENTS

Point number six is very short, namely that in almost all cases the funnel will only touch the ground at certain separate points and does not move in a slow, smooth path, but rather is seen to jump from one spot to another. This is most likely to occur when the tornado is first forming. Again, we can clearly see that phenomena under the Earth's surface must be interacting with the energies in the tornado in some form in order for these effects to be seen.

9.3.7 GRAVITY / LEVITATION ANOMALIES

Point number seven brings up another body of facts that strongly suggests that the tornado's levitation effects are due to an anti-gravity force instead of a suction force. As a funnel crosses over a river, it actually can produce a trench-like depression in the height of water on the river, as if an unseen force were pushing down on the water line and forcing it to flow in a clearly unnatural manner. This was observed on both the Mississippi and Moscow rivers, as well as on the Rhine, where a trench that was seven meters deep had formed in an area where the total depth of the river was 25 meters.

Also listed in point number seven is the fact that people and animals can be lifted and transported distances as far as four to ten kilometers and sometimes be kept alive throughout the process. If they were constantly rotating at a high velocity inside the tornado, this would seem impossible, whereas if an anti-gravity field was holding them without rotating, this becomes far more plausible. Similarly, in one case a series of one-inch mollusks were moved 160 kilometers and deposited on the ground in a small area, and the deposit occurred a full hour before the tornado cloud itself arrived. And on June 17, 1940 in the Meschery village of the region of Gorky in Russia, a tornado poured out about a thousand silver coins from the fourteenth century. This was not a "time warp" as the original locations of the coins had been found; the important point was that the coins fell in a very compact area after having been transported several kilometers, and they fell from the parent cloud but not the funnel itself.

A tornado in Irving in 1879 encountered a 75-meter long railroad bridge that had just been constructed, weighing 108 tons. The tornado lifted the entire bridge and rolled it up – something that becomes much easier to understand when we consider the apparent ability of tornadoes to change the state of matter that they pass through. The iron became as bendable as rubber, and the impressive forces inside the tornado could effortlessly twist it up, whereas normally we would expect the metal to bend only in certain weak places, or to simply fracture and break.

In another case, a funnel destroyed a large school building made out of stone, and the fragments rotated quickly inside of the tornado but were not thrown out. This obviously violates all expected laws of centrifugal force, showing again that a force exists inside the tornado that holds everything in place – something that cannot be explained by simple rotation and air suction. In a similar case, a large timber church with 50 people inside of it was transported six meters and no one was killed. And in 1964, a funnel transported a house with ten people inside of it a distance of 400 meters, and all of them stayed alive.

9.3.8 ANOMALOUS ELECTROMAGNETIC EFFECTS

Finally, point eight on Dmitriev's list of anomalies has already been covered, and it regards the electromagnetic properties of tornadoes that associate them most directly with "vacuum domains" or polarized consciousness units. One fact is that when a tornado is not touching the ground, it has been observed to have a buzzing or hissing noise, which would be expected in the presence of powerful electromagnetic fields that are ionizing the atmosphere around themselves. Tornadoes have been accompanied by the following, clearly electromagnetic effects: ball lightning, short and wide sheet lightning surrounding the funnel, a yellow glow that shines over the surface of the funnel, and bluish ball-like formations that are similar to ball lightning but on a much larger scale, which are seen inside the funnel cloud. Obviously these larger spheres of blue energy are highly similar to the "natural self-luminous formations" that Dr. Dmitriev mentions elsewhere.

Slowly-moving fire columns have been seen as well, and H.L. Jones reported the formation of what he called a "pulse generator" before a tornado ever got started. In that case, thirty to ninety minutes before a funnel appeared from a parent cloud, a round, bright blue spot was observed inside the parent cloud

and appeared to show signs of electric activity.

9.3.9 TECHNOLOGICAL APPLICATIONS OF TORNADO PHENOMENA

So, with these facts in mind it shouldn't be difficult to see that tornadoes have a great number of energetic qualities and are by no means as simple to explain as most scientists would suggest. They are, quite literally, gigantic anti-gravity and free energy "machines" – the powerful, natural equivalent to the Searl Effect Generator and other such devices. We should also keep in mind that the bizarre effects on the state of physical matter should also be able to be duplicated with technology as well, under the right conditions.

In cases such as the Bermuda Triangle, explained in the next chapter, we can see that the "next step" for matter, after it starts becoming elastic and able to fuse with other matter, is to disappear from our vibrational level or "reality" entirely; and this may lead to a valid science of teleportation. As we explained in *The Shift of the Ages*, this is what appears to have happened by accident in the infamous "Philadelphia Experiment," based on the work of Nikola Tesla.

In this controversial "experiment," a series of high-intensity electromagnetic coils were designed to create a pulsating, spherical field around a ship, in the hopes of creating total visual and radar invisibility. While the device was being tested, some of the men walked around the ship while in the state where they could permeate other matter, and when the ship re-solidified they were tragically fused into the metal walls of the ship itself. The reality of this experiment was confirmed by Army whistleblower Col. Phillip Corso prior to his death, although he claimed that the actual ship was a Navy minesweeper and did not involve the USS *Eldridge* nor its crew.

In the next chapter, we will cite many more examples of possible technological applications of such "vortex" technology.

9.3.10 VACUUM DOMAINS AS BETTER EXPLANATION

At this point in his paper, Dr. Dmitriev begins bringing in his research findings regarding "vacuum domains" and natural self-luminous formations, which we are already familiar with from previous chapters. We are again reminded that these formations are seen to abruptly rise in frequency during times when the solar activity reaches its peak. We are also told that when luminous formations are seen to arise from the ground in higher frequencies, such as in the area surrounding Altai Mountain in Gorny, there is a corresponding decrease in the amount of seismic activity in the area. This certainly suggests that some of the stress that is normally relieved by the Earth with earthquakes can also be drawn out of the Earth in times of high solar activity. The natural self-luminous formations that are released then display the anomalous, highly energetic properties that we have already mentioned in previous chapters.

9.4 THE OREGON VORTEX: A SPHERICAL TORUS OF EARTH ENERGY

As we can see from Dr. Dmitriev's research, there is clearly an interface between the inner processes of the Earth, the outer atmosphere and the energetics from the Sun that is responsible for natural self-luminous formations and tornadoes. In the course of his research, Dmitriev also reports

on various magnetic anomalies on the Earth's surface that support this idea. On January 25, 2001, the Oregon Vortex, which is the United States' most popular area for anomalies of this type, was again thrust into popular view when Nick Nelson appeared on the "Coast to Coast AM" show, then hosted by Dr. Mike Siegel. Mr. Nelson has served as a tour guide to this vortex since 1999, is the author of a book entitled "The Golden Vortex," and currently has a website.

The Oregon Vortex has been scientifically studied numerous times, with its peculiar behaviors repeatedly verified. In this sense we are quite blessed to have an active source where these energies can be studied and measured, the location and observation of which has not been suppressed, subverted or hidden from the public in any way. We have already covered this story in *The Shift of the Ages* by describing the coverage that it was given in the prestigious scientific journal "Compressed Air," and will therefore restrict our inquiry to the new observations that were disclosed on the program, many of which we were not previously aware of. Some of these discoveries were made by Nelson himself as he took the time he spent in the vortex to make more careful investigations:

- 1 The Oregon vortex is spherical in shape. This conforms perfectly to what we would expect of a "vacuum domain."
- 2 The center of the vortex has a chimney-like movement of energy which lifts into the air. This shows that the field is actually a spherical torus, and it possesses a faster energy movement through its central axis than it does in the other areas, as we would expect
- 3 The energy in certain areas has spiraling qualities. In a certain spot, a magnetized pendulum will spiral in circles, and if a person tries to stand in this area, their body will naturally be compelled to sway in circles as well. And we already have seen the importance of rotation in the polarized CU.
- 4 The vortex exhibits very strong electromagnetic effects. Movie cameras are not permitted in the House of Mystery (the name of the site built on the vortex,) ostensibly because the intense electromagnetic energies can cause permanent damage to sensitive equipment.
- 5 Clear, anomalous changes in gravity are seen in the vortex. In one area, a circle is drawn on the ground, and the closer you get to the circle the more you will be forced to lean, at about 7 degrees of arc off of true perpendicular. If you try to stand up straight, you will fall over. In another area, a broom can be stood up on its edge and remain standing for up to 36 hours. At another spot, a ball can be released on a slide and "roll uphill." All of these facts perfectly conform to the idea that a polarized CU causes noticeable distortions in the field of gravity, by altering the natural gravity-levity balance.
- 6 The vortex possesses clear magnetic sheets of demarcation. We have already seen this observation of "spheres within spheres" in action with the tornado phenomenon as well as in Roschin and Godin's replication of the Searl Effect in the laboratory.
- 7 The center of the sphere of energy is in the Earth. This correlates very well with our expectations that these energy processes can be created by areas under the Earth's surface where the fluidlike material of the lithosphere is flowing rapidly in a vortex-like fashion. A more detailed study of the underground geology in this area should reveal such a current.
- 8 The size of objects actually changes from one area to another inside the vortex. This is clearly visible to eyewitness observers and in photographs. Two men of equal height can walk to two different areas in the vortex, and

depending on where they stand, one will clearly seem to be taller and the other clearly shorter. If they switch their positions, each spot will still show the same effects on their respective heights, so that the short man is now the tall man and vice versa. Again, this conforms with our observations from tornado phenomena that suggest that definite effects on matter are being produced, which can change its overall structure in heretofore-unknown ways.

- 9 The changing size of objects cannot be measured with instruments. This is simply due to the fact that the measuring instruments also change in size as they move through these areas. Thus, "all is relative" within the vortex, making accurate measurements of the changes impossible, except by visual observation.

10

In the vortex, the passage of time changes by a quarter-second. Since Einstein proposed that space and time are unified as a single "fabric," any changes in the quality of space should also change in time. Our understanding of time has a new definition in the aether model; it is directly related to the speed at which the aether vibrates. We will have much more to say about this when we discuss our new theories of time, but for now we will move on.

11

The center of the vortex has a corona that is one-sixth the size of the sphere itself. Again, this conforms very nicely with Dr. Dmitriev's findings, and is clearly visible in the photographs of natural self-luminous formations at the beginning of this chapter.

12

The normal speed of gravitational acceleration is lowered in the vortex. Normally, gravity propagates itself at 32 feet per second, whereas inside the vortex it slows down to 29.16 feet per second. This means that the overall downward effect of the gravity-levity balance in the formation is reduced by ten percent. This is identical to the manmade gravitational effects that were seen in the Searl Effect Generator on a much more significant level.

13

The human aura can become visible to everyone inside the vortex, at times, when a person stands in certain areas. This suggests that a person's own magnetic or bio-electric field is amplified by the energies in the vortex. Once again, we are seeing how human beings fundamentally interact with these forces.

14

The vortex provides healing effects in certain areas. Mr. Nelson reported that he has an ongoing problem with severe back pain. By going and sitting in a certain area of the vortex, his pain would be healed in a matter of minutes. This correlates perfectly with Dr. Searl's results in healing the severe burn wounds to his face with his Searl Effect Generator that was operating to power his house.

So, when all the facts surrounding the Oregon Vortex are considered together, we have a remarkable correlation with the other research that we have

already discussed. Nick Nelson did not indicate on the program that he had awareness of the many other ways in which this energetic structure has been seen, other than the fact that it closely resembles the magnetic field that is seen to form around a bar magnet. (However, his book does cover other phenomena that are associated, including tornadoes and the structure of the galaxy.)

So ultimately, we find that by locating an anomaly that is 'half in and half out' of the Earth, we can make a clear bridge between the processes in the lithosphere, such as "kimberlite pipe explosions," and the energetic forms released into the atmosphere such as NSLFs, "radar angels" and tornadoes, and clearly see that they work in tandem. Every single observed aspect of the Oregon Vortex should be expected to occur, based on the research that we have been investigating.

9.5 VORTEX PROPULSION OF VIKTOR SCHAUBERGER

Once again, in the work of Viktor Schauburger we have yet another case where a person discovered the bizarre anti-gravitational effects that could be seen as a byproduct of rotation. We have already suggested that anomalies like the Oregon Vortex may be caused by the quick-moving flow of molten fluids under the Earth's crust, in the lithosphere, and ultimately by the luminous aetheric energy in the Earth's core, as we will see in Chapter 11. In Schauburger's case, similar effects were discovered by his study and comprehension of the anomalies associated with flowing water, specifically the spiraling vortices that can be formed in a stream.

Olof Alexandersson wrote a book in 1982 entitled *Living Water – Viktor Schauburger and the Secrets of Natural Energy* from Turnstone Press in Wellingsborough, England, and most other writing on Schauburger's life and technological inventions draws directly from this source. Another frequently cited book is *Living Energies* by Callum Coats. From the "Living Water" book, we learn that Schauburger first realized that an anti-gravity effect was occurring in flowing water by observing the behaviors of trout that were migrating upstream. He realized that in a waterfall, the coldest area will usually be in the center, and at this point the water will have a spiraling vortex quality. The trout naturally seek these colder, spiraling areas at the center of the waterfall, and then with very little effort they will be seen to swim or levitate directly up the waterfall and be able to continue on upstream. Schauburger realized that something very peculiar was going on, and this led him to investigate the principles of spiraling, vorticular movement in water on a much deeper level.

When he used a stressed gravity detector to measure the amount of gravitational force inside the center of a waterfall, he discovered that it would either measure zero gravity or even less, which would obviously be the manifestation of the anti-gravity effect. Eventually, he was able to use these principles to create a number of valuable inventions, including a system of half-pipe shaped "flumes" that used thin sheets of water to convey huge logs down a mountain. This discovery was a surprise and delight for those in the logging industry he was working for, who had thought it impossible for such a small layer of water to support that much weight. The inside of the flumes were carved to have many layers of rings that would rise and fall in height by design, and the water would get trapped in between the cracks of the rings

and provide support for the logs as they traveled along.

Schauberger also invented new designs for hydroelectric turbines that harness the natural power of spiraling movement in water to produce a much higher amount of electricity from a much smaller and more environmentally friendly turbine. The work of Frank Germano is an excellent resource in this regard, complete with volumes of technical data, and makes another good step in the direction of creating true "free energy" machines.

Schauberger also discovered that in certain high-speed vortexes of water that he observed in streams in the dark of night, visible light was produced. He was then able to duplicate the conditions with a special arrangement of rocks and flowing water and show the effect to his friends, which certainly created a source of amazement for them. While this seems patently ridiculous at first, the chances are that unlike Schauburger himself, none of us have ever actually tried to observe something like this. Providing that Schauburger and his friends are indeed telling the truth, then this phenomenon does again fit perfectly with our expectations. What we should see here is that under the right circumstances, the flowing vortex in the center of a stream of water can form the central axis for a polarized CU to form, just as is seen in the tornado. And then, as the observations of tornadoes and other such vortices suggests, a luminous phenomena becomes visible.

For our purposes the most interesting fact is that Schauburger's observations of water eventually led him to allegedly produce workable anti-gravity machines that used water turbines for propulsion. Since his observation of the trout fish going up the waterfalls was how he originally discovered the anti-gravity force, he named his machines the German equivalent of "trout fish." And if you hadn't already guessed, the photographs and evidence makes it clear that in Schauburger's system, the machine pumped the water into the form of a rotating spherical torus. And once again, the anti-gravity effect was harnessed through a very similar method, though realized in another form that we may not have otherwise considered!

This design was incorporated by Nazi Germany into apparently workable craft, essentially against Schauburger's will. It seems that he was not allowed to disclose exactly how these prototypes were built, so he was forced to invent other designs for levitation that used simpler methods. He moved to the deserts of Texas to design his "Repulsine" machine, which sucked in bursts of air into a sealed, round chamber to form "smoke ring" or toroidal formations. These bursts of air were then rolled into very small sizes as they traveled over and down the inside edges of the toroidal chamber. This compression would cause extremely cold temperatures to form in a tube that ran through the center of the device, which then caused the hotter, high-pressure desert air to rush into the low-pressure zone in the tube at a very fast speed. Then, this rushing airflow would drive a turbine fan at the top.

Some attempts have been made to reproduce the Repulsine craft by James L B Bailey at [http://www.repulsine.com](#), and his work can be easily found on an Internet site owned by JL Naudin at [http://www.repulsine.com](#), but our main interest here is in Schauburger's earlier closed-system water turbine that produced anti-gravity. A group in Denmark is attempting to replicate these discoveries. Many interesting facts about Schauburger's life and research can be found there. Here's another site of good quality on Schauburger. [http://www.schauberger.com](#)

Our main reason for discussing Schauberger's work at this point in the chapter is for us to see that the rotation of a fluid can directly produce anti-gravity; this gives even more evidence to suggest that the movements of a spinning vortex can have very powerful and heretofore unrecognized energetic effects. In his writings, Schauberger refers to two forces of nature, an "explosion" force and an "implosion" force. He believed that our scientists had well understood the harnessing of energy by explosion, which he felt was a process that led to heat, pressure, fragmentation, illness and death. The natural force of implosion, or centripetal, spiraling movement towards the center, was believed by him to represent the natural life-generating force of coolness, suction growth and healthiness in the universe, and this is what he built his machines to harness. Furthermore, he was well aware of the balance between gravity and levity, and his own name for the levity force was "diamagnetism." This can be a bit confusing, as his ideas of diamagnetism are associated directly with a force that works off of conventional magnetism, but the underlying concepts appear to be the same.

Now that we have taken a quick glance at some of Schauberger's data, we are ready to move into our next topic area, where we will focus on the anomalies of the Bermuda Triangle. Here, we will find a wonderful summary statement of all the various phenomena that we have already covered in this and previous chapters, including matter phase shifting, and we will also uncover other pieces of data that will open up the doors to our next set of chapters, where we will discuss the connections between higher dimensions, aether vibrations and geometry. For those who have already read *The Shift of the Ages*, this will be a move into familiar territory, although we will ultimately suggest to new readers that this current book be studied first, since it is a far more linear, all-inclusive and syllogistic, step-by-step presentation that builds up the case.

9.6 RECAP

9.1 The content of the chapter is introduced, which includes tornado phenomena, the work of Victor Schauberger and the Oregon Vortex, an ongoing, unmoving space-time anomaly which has been scientifically studied on numerous occasions.

9.2 Dr. Alexey Dmitriev's concepts of tornado physics and natural self-luminous formations involve an interaction between Earth's atmosphere and the interior of the Earth. The Brooks model of tornado formation, commonly used by meteorologists and other scientists alike, does not provide a model to account for the tornado anomalies that are seen.

9.2.1 Many cases of alleged UFO sightings may actually involve natural self-luminous formations that are released from the Earth, as expected in the new systems of physics that Dmitriev has outlined.

9.2.2 Matt Bragaw and Peter Blottman's photograph of "hole-punch clouds" appears to be another example of invisible NSLFs interacting with a thin layer in the atmosphere, forming visible "holes" that were aligned with the Earth's magnetic field. Had the cloud layer been thicker, these effects would most likely not have been visible.

9.2.3 Many tornado sightings involve luminous phenomena, suggesting that tornadoes are actually sources of very high electromagnetic energy.

9.3 Dmitriev's list of tornado phenomenology is shared at this point:

9.3.1 Tornadoes have been seen to leave the so-called "parent" clouds over them and move on their own. They have also been seen to form without parent clouds at all, only attracting them later on. This suggests again that tornadoes cannot be solely related to atmospheric movements.

9.3.2 Dmitriev explains that the Brooks model does not account for why a horizontal counter-rotational movement in cloud layers is suddenly able to turn into a vertical movement in the funnel cloud.

9.3.3 The levitation effects of a tornado cannot be caused by the suction of air inside of the funnel cloud. When a tornado is just slightly above the ground, no air pressure changes are felt and no levitation effects are seen, but as soon as it touches the ground the levitation begins. The area inside the funnel cloud has been measured to have a lower air pressure, but this does not occur beneath the cloud.

9.3.4 Inside the powerful energetic fields of a tornado, matter is seen to make sudden, anomalous phase changes, becoming malleable like a fluid and semi-permeable, allowing solid objects to fuse together. Once the tornado passes, the matter reverts back to its normal "ground" state. In the case of "spoonbending," human beings seem to be able to temporarily duplicate these effects on metal with their consciousness. Conventional explanations for the anomalies of matter changes in tornadoes usually involve the observation that the inside of the funnel cloud has a rapid downward movement, whereas the walls of the cloud have a rapid upward movement at about 100 to 200 meters per second.

9.3.5 "Walls within walls" of "spherical cascades" are often seen around tornadoes, sometimes going as high as two-thirds of the height of the funnel cloud itself. This energetic phenomena has already been seen in the Roschin / Godin replication of the Searl Effect in the laboratory.

9.3.6 Funnel clouds are seen to travel over the surface of the earth in jumping movements, again suggesting that other forces besides atmospheric phenomena are associated with them; namely, an energetic interaction with the interior of the Earth.

9.3.7 As tornadoes pass over rivers, they have been seen to create bowl-like depressions in the water line, suggesting that they are sources of powerful, anomalous gravitation. Tornadoes can transport objects, groups of objects and even living creatures over long distances without disturbing them. This again suggests that the transport of a tornado is being caused by levitation, not by suction and rotation.

9.3.8 Tornadoes have been observed to have buzzing or hissing noises when they are not touching the ground, again indicating very high levels of electrostatic charge. Many types of luminous phenomena have been associated with tornadoes as well, suggesting that ionization is occurring around them. One case in particular involved a pulsating blue light that

appeared in the air prior to the formation of a tornado.

9.3.9 The anomalies of the tornado make a strong suggestion that technological applications are indeed possible, which will be discussed more in the next chapter. One possible example is the Philadelphia Experiment, confirmed as authentic by the late Col. Phillip Corso, who claimed that it was actually a Navy minesweeper and not the USS Eldridge, which was chosen as a cover story.

9.3.10 Dr. Dmitriev's concept of "vacuum domains" as an explanation for tornado phenomena seems to fit much more closely with the data. We are reminded that in times when the solar activity reaches its peak, there is a corresponding increase in the amount of natural self-luminous formations that are sighted. Furthermore, when natural self-luminous formations are seen over a seismically active area, there is a corresponding decrease in the amount of earthquake activity. This suggests that the NSLFs are releasing tectonic stress in the earth that would otherwise be forming earthquakes, by converting it into energy.

9.4 The Oregon Vortex, covered in Nick Nelson's book "The Golden Vortex," shows all the classic signs of Dr. Dmitriev's "vacuum domains" and more: 1) It is spherical in form, 2) it has a chimney-like central vortex area, 3) its energy has spiraling qualities, 4) anomalous electromagnetic effects are seen, 5) changes in gravitation are reported, 6) it has clear magnetic sheets of demarcation, 7) the center of the sphere is in the Earth, 8) changes in the size of objects have been reported, 9) the size changes cannot be measured with instruments, since they also change in size, 10) the passage of time changes by a quarter-second inside the vortex, 11) the center of the vortex has a corona that is one-sixth of its total size, 12) the acceleration speed of gravity changes from 32 feet per second squared to 29.86 feet per second squared, 13) the human aura can become visible to everyone in the vortex, and 14) the vortex can provide healing effects.

9.5 The work of Victor Schauburger appears to be yet another example of a working anti-gravity propulsion device being created through spherical-torus vortex motion. By observing various anomalies of flowing water, including the levitation of trout fish through cold, central areas of a waterfall and observing areas of streams that naturally exhibit luminous phenomena from vortex water movement, Schauburger was able to devise his new ideas for anti-gravity propulsion. In this case, the energy is driven by the high-speed rotation of water in a toroidal form.

CHAPTER 10: VORTEX SHIFTS OF TIME AND DIMENSIONAL LEVELS

CHAPTER 10: VORTEX SHIFTS OF TIME AND DIMENSIONAL LEVELS

10.1 THE "BERMUDA TRIANGLE"

In his 1976 book *The Bermuda Triangle*, Charles Berlitz reports that there have been over 100 documented disappearances of ships and aircraft in a roughly circular area that is triangulated between the southeastern coast of Florida, Puerto Rico and Bermuda, with over 1,000 apparent deaths since 1948. In the vast majority of these cases, not a single body or piece of wreckage has ever been found, and not even the slightest sign of oil slick or flotsam has appeared in the cases of airplane crashes. In a number of cases, large ships have been discovered as drifting with the entire crew having disappeared, with perhaps one animal survivor such as a bird or dog left on board. Certain people have survived these effects and reported many anomalies that should be more and more recognizable to us, including an inability to get their electromagnetic instruments to function, the spinning rotation of their compasses, the filling of the sky with a yellow, luminous haze on an otherwise clear day, and reports that the ocean beneath them seemed to look different, as though they were no longer sure of what area they were flying over.

For some reason, this phenomena seemed to have peaked between 1945 and the mid-1970s, and since that time there appear to have been far fewer reports or just a general loss of interest from the metaphysical community to do research. While some would use this subsequent drop-off in disappearances as evidence that the Bermuda Triangle phenomenon is a "hoax," it could be that the government, military and commercial ships "got the message" and stopped moving through the worst areas; it could also be that the internal processes of the Earth have shifted and thereby made this a less active spot. And more importantly, the fact remains that even with the ever-more advanced search and rescue techniques, complete with very thorough records of the exact positions of ships and airplanes, hardly any of the known disappearances have ever been recovered. And the ships that have completely disappeared without any wreckage being located include the *Marine Sulphur Queen*, a huge, 425-foot-long freighter, and the *U.S.S. Cyclops*, which had 309 people aboard and weighed a colossal 19 thousand tons.

The records regarding the disappearance of ships in this area go back to at least the early 1800s, and they showed signs of continual increase up to the time of Berlitz' research being compiled and published. The idea of warfare being responsible for these disappearances is ruled out, since they continued after the Civil War had ended. And most significantly, it was in 1945 that the first set of airplanes disappeared over the area, which suggested to the public that the same effects that had caused the sailing vessels to disappear were capable of making planes vanish as well. It was from this discovery that the term "Bermuda Triangle" was born, and the public exposure of this phenomenon wildly increased soon afterwards, evoking mystery, fear and speculation.

The author Charles Berlitz himself is quite the scholar, being fluent in a number of languages and the originator of the highly popular Berlitz tutorial language books, which are still very common for college students and foreign travelers in many countries. The Bermuda Triangle synthesizes many different sources of information and speculation with a wonderful, creative and readable flair. Rather than go into detail, as Berlitz' book was a huge bestseller and can be quickly found in used bookstores and the 001 section of libraries, we will just list some of the most significant aircraft and marine disappearances, and then go into the anomalies that have been reported by survivors. This information will truly introduce us to the "next step" of this book where we will move away from discussions of technology and into hyper-dimensional physics, showing how these shifting energies are reflected in the quantum realm and the Cosmos.

10.2 MAJOR AIRCRAFT DISAPPEARANCES

The first list of anomalies in Berlitz' book is entitled "Major aircraft disappearances in Bermuda Triangle area."

- 1 December 5, 1945: five TBM Navy Avenger bombers on training flight from Fort Lauderdale, Florida; total crew of fourteen; two-hour normal flight; lost approximately 225 miles northeast of base. [Note: This was the first confirmed aircraft disappearance.]
- 2 December 5, 1945: PBM Martin bomber; dispatched with crew of thirteen to assist the TBM patrol; twenty minutes later radio contact lost and plane disappeared.
- 3 1947: Superfort (US Army C-54) disappeared 100 miles off Bermuda.
- 4 January 29, 1948: Star Tiger, four-engine Tudor IV; lost radio contact after last contact 380 miles northeast of Bermuda; plane lost with thirty-one passengers and crew.
- 5 December 28, 1948: DC-3, private charter. San Juan, P.R., to Miami; thirty-two passengers plus crew.
- 6 January 17, 1949: Star Ariel, sister ship of Star Tiger; London to Santiago, Chile, via Bermuda and Jamaica; radio communication lost 380 miles south-southwest of Bermuda on course to Kingston.
- 7 March 1950: Globemaster (American); disappeared on northern edge of Triangle en route to Ireland.
- 8 February 2, 1952: York Transport (British); disappeared north of Triangle en route to Jamaica; thirty-three aboard.
- 9 October 30, 1954: Super Constellation (Navy); vanished north of the Triangle with forty-two aboard.

10

November 9, 1956: Navy Martin patrol seaplane P5M; disappeared with crew of ten near Bermuda.

11

January 8, 1962: Air Force tanker KB-50; Langley Field, Virginia, to Azores.

12

August 28, 1963: two new Air Force KC-135 four-engine Stratotankers; Homestead Air Force Base, Florida, to classified refueling range in Atlantic; disappeared 300 miles southwest of Bermuda.

13

June 5, 1965: C-119 Flying Boxcar; ten aboard; lost in the southeast Bahamas.

14

April 5, 1956: B-25 converted to civilian cargo plane; lost southeast of Tongue of the Ocean; three aboard.

15

January 11, 1967: Chase YC-122, converted to cargo; four aboard; lost in the Gulf Stream between Palm Beach and Grand Bahama.

16

September 22, 1963: C-132 Cargomaster vanished en route to Azores.

10.3 MAJOR MARINE DISAPPEARANCES

The second category in Berlitz' book is "Major ships disappeared or found derelict in Triangle area:"

- 1 1840: Rosalie, a large French vessel; found on course to Havana from Europe, in Triangle area, with sails set, cargo intact, all hands missing.
- 2 January 1880: British frigate Atalanta; left Bermuda for England with 290 aboard; vanished presumably not far from Bermuda.
- 3 October 1902: German bark Freya; found soon after leaving Manzanillo, Cuba, listing badly, partly dismasted, anchor dangling; calendar in captain's cabin read October 4 – day after sailing.
- 4 March 4, 1918: US Navy supply ship USS Cyclops, 500 feet, 19,000 tons displacement; sailed March 4 from Barbados to Norfolk with 309 aboard; no bad weather; no radio messages; no wreckage ever found.
- 5 1925: SS Cotopaxi; vanished en route from Charleston to Havana.
- 6 April 1932: two masted John and Mary; New York registry; found floating but abandoned fifty miles south of Bermuda; sails furled, hull freshly painted.
- 7 February 1940: Yacht Gloria Colite from St. Vincent, BWI; found abandoned; everything in order; 200 miles south of Mobile, Alabama.
- 8 October 22, 1944: Cuban freighter Rubicon; found by Coast Guard in Gulf Stream off Florida coast; deserted, except for a dog.
- 9 June 1950: SS Sandra, 350-foot freighter; sailed from Savannah, Georgia, bound for Puerto Cabello, Venezuela; cargo 300 tons of insecticide; passed St. Augustine, Florida, then disappeared without leaving a trace.

10

September 1955: Yacht Connemara IV; mysteriously abandoned 400 miles southwest of Bermuda.

11

February 2, 1963: Marine Sulphur Queen, 425-foot freighter; vanished without message, clues or debris; en route to Norfolk, Virginia, from Beaumont, Texas, with all hands; last heard from near Dry Tortugas.

12

July 1, 1963: Sno' Boy, sixty-three-foot fishing boat; forty aboard; sailed from Kingston, Jamaica, to Northeast Cay, eighty miles south; disappeared with all hands.

13

1924: Raifuku Maru, Japanese freighter; radioed for help between Bahamas and Cuba, then disappeared.

14

1931: Stavenger, freighter with crew of forty-three; last heard from near Cat Island, Bahamas.

15

March 1938: Anglo-Australian, freighter with crew of thirty-nine; last message received west of Azores: "All well."

16

December 1967: Witchcraft, cabin cruiser; passenger and owner disappeared while craft was at harbor buoy one mile from Miami.

17

April 1970: Milton Iatrides, freighter en route from New Orleans to Capetown.

18

March 1973: Anita, 20,000-ton freighter with crew of thirty-two, sailing from Newport News to Germany.

10.4 LUMINOUS, ROTATING VORTEX ANOMALIES

The next quote in the book from Captain Don Henry clearly illustrates the anomalies in the Bermuda Triangle area that suggest the highly energetic, luminous and rapid-rotating effects that we see in a polarized CU as defined by Dr. Dmitriev's original list of "vacuum domain" criteria:

... We were coming in on the return trip between Puerto Rico and Fort Lauderdale. We had been out for three days towing an empty barge which had carried petroleum nitrate...

I heard a lot of hollering going on. I came out of the cabin onto the bridge and yelled, "What the hell is going on?" The first thing I looked at was the compass, which was spinning clockwise. There was no reason that this should ever happen... I did not know what had happened, but something big was sure as hell going on. The water seemed to be coming from all directions. The horizon disappeared – we couldn't see where the horizon was – the water, sky and horizon all blended together. We couldn't see where we were.

[Note: This appears to be their own reporting of the experience of moving into a luminous fog.]

Whatever was happening robbed, stole, or borrowed everything from our generators. All electric appliances and outlets ceased to produce power. The generators were still running, but we weren't getting any power. The engineer tried to start an auxiliary generator but couldn't get a spark...

QUESTION: Was there a greenish appearance to the horizon?

[Note: As stated elsewhere in the book, the green color is by far the most

common observation, and was also allegedly seen in the Philadelphia Experiment, as covered in *The Shift of the Ages*.]

No, it was milky. That's all I can say. I wasn't looking for colors. After we left, the batteries had to be recharged. I had to throw away fifty flashlight batteries.

The next excerpt from the book is another example of the rotating magnetic fields and luminous phenomena seen in the Bermuda Triangle, typical of a polarized CU:

Jim Richardson, a former Navy pilot, is now president of the Chalk Air Ferry Service operating between Opa-Locka Airport in Miami and Bimini and other points in the Bahamas... On an early morning flight from Florida to Turks Islands, accompanied by his son, the plane's compass suddenly started to spin from left to right. He asked his son, "What's wrong with the compass?" To which the son replied, as a perfectly natural explanation, "We are over Andros." He observed that this has frequently happened "every time we go over deep waters in front of Moselle Reef." This reef, incidentally, is a place often noted for the presence of mysterious lights shining at night... These lights on the reef have also been observed by the same Jim Richardson and other pilots of planes and ships.

10.5 WAKELEY'S STUNNING "VORTEX" EXPERIENCE

As we continue our excerpts from Berlitz' book *The Bermuda Triangle*, we have the single most powerful account of luminosity, electromagnetic changes and rotating fields that are typical of the energy forms that we have been investigating. A time-warping effect very likely occurred as well, but the pilot was flying alone and may not have noticed any small discrepancy between the clocks in his plane and the clocks on land. The event was reported by Chuck Wakeley, who was then about thirty years old and a professional pilot of planes and helicopters for over ten years, holding a high security clearance with the United States Government. He had not heard of the Bermuda Triangle until after he had the following experience, told here in his own words:

In November of 1964 I was a pilot for Sunline Aviation in Miami. During this time I took a charter flight to Nassau to drop off some people and return. I dropped off the passengers and left Nassau Airport shortly after dark. The weather was very clear and the stars were shining... At about 9:30 pm I passed the northern tip of Andros Island and could see the lights of some of the settlements.

I had leveled off at about eight thousand feet and was settling back for a routine flight but... I began to notice something unusual: a very faint glowing effect on the wings... the wings had a translucent appearance, appearing pale blue-green, although they were actually painted bright white.

In the course of about five minutes this glow increased in intensity until it became so bright that I had great difficulty reading my instruments. My magnetic compass began revolving, slowly but steadily; the fuel gauges, which had read "half full" at take off, now read "full..." I could not trust any of the electrically run instruments, as they were either totally out or behaving erratically. Soon the whole aircraft was glowing, but it was not a reflected

glow, since the glow was coming from the aircraft itself. When I looked out the window at the wings I remember noticing that they were not only glowing bluish-green but also looked fuzzy...

At this point I could no longer rely on my gyro, horizon or altitude indicators, and since it was night and I was flying with an artificial horizon, I had no horizon to go by. The glow was so intense that I could no longer see the stars. I did the only thing I could – that was to let go of the controls, and let the craft fly on whatever heading it would take. The glow built up to a blinding crescendo of light, lasted for about five minutes, and then diminished gradually.

All instruments began to function normally as soon as the glowing dissipated. I checked all circuit breakers and none had popped. No fuses were blown and I realized that equipment was functioning normally when the fuel gauges returned to reading that the tanks were half full. The magnetic compass became steady and showed that I was only a few degrees off course. I engaged the auto pilot and it was normal. Before landing I checked all systems – landing gear, flaps, and so on. They were all normal. Incidentally the aircraft had static lines and should have drained all static elements.

QUESTION: Did you think your experience was connected with the Bermuda Triangle?

I did not know about the Bermuda Triangle until after the incident. I thought what I had seen was St. Elmo's fire in spite of the fact that St. Elmo's fire doesn't act that way.

When did you hear about the Bermuda Triangle?

I heard about it when I started to speak to other pilots about my experience. Things like that have happened to other pilots, but they don't like to talk about it. Anyhow, there's no way to avoid what they call the Triangle if you go to some place like Puerto Rico, unless you fly up north of Bermuda. You hear a lot more about the Triangle now, especially when any completely illogical disappearance of a plane happens.

10.6 A TEN-MINUTE LOSS OF TIME

It is very likely that Wakeley was outside of our conventional time and space while he was in the area of luminous phenomena before returning. In an intriguing case of documented time lapse in the same vicinity, a National Airlines 727 passenger plane coming into the Miami Airport in 1971 suddenly disappeared from the radar screen for about ten minutes and then reappeared:

The [National Airlines 727] plane landed without incident and the pilot and crew evinced some surprise over the expressed concern of the ground crew since, as far as the crew was concerned, nothing unusual had happened. By way of an explanation one of the Air Control staff said to one of the pilots, "Man, for ten minutes you just did not exist." It was at this point that the crew checked their watches and the various time indicators in the plane and discovered that they were uniformly ten minutes slow according to real time. This was especially remarkable as the plane had made a routine time check

twenty minutes before the incident and at that time there was no time discrepancy.

10.7 LABORATORY EXPERIMENTS TO SHIFT TIME AND DIMENSION

If there is validity to the idea that these electromagnetic forces could transform human beings into another level of vibration, then we should expect that certain foolhardy and intrepid researchers would have already tried to do something like this, above and beyond the well-known Philadelphia Experiment, which we have previously discussed in *The Shift of the Ages*. Such possibilities are reported in the intriguing article entitled "Dimensional Shifts" by Jerry W. Decker at <http://www.keelynet.com/energy/dimshift.htm>. Mr. Decker is the Director of the KeelyNet website, which was originally a Bulletin Board Service (BBS) in the early 1990's before the popularity of the Internet, and he is arguably one of the world's foremost experts on anti-gravity and free energy. We will post some highlights of this intriguing article in case it is lost or made unavailable to some of our readers for some reason, and insert other related discussions as we proceed.

The statements that Decker makes in this article have direct bearing on our own research, including the "spheres within spheres" energetic effect that was seen in the Roschin / Godin experiment, which replicated Prof. Searl's results with anti-gravity and free energy:

Each spatial (and possibly TEMPORAL) location, no matter what dimension it resides in, has a specific coordinate, referenced by a combination of frequencies that equate to the 'signature' for that location. These are nested frequencies – like bubbles within bubbles – because they are all standing waves produced by 180-degree phase conjugation.

Here, the reader should know that Decker is using the terms popularized by the work of Lt. Col. Tom Bearden. "Standing waves" with "180-degree phase conjugation" is another way of describing the spherical torus of energy that we have called the polarized CU. It can be called a "standing wave" because it can exhibit rotating, spiraling vortex motion while standing still, without moving through space. The "phase conjugation" of 180 degrees simply represents the north-south polarity of this energy form as we have seen in the "vacuum domains" of Dr. Dmitriev. So, we can see that even though this article was written before the Roschin / Godin study was ever published, Decker was already aware of what we would expect to see; a nested series of spherical torus energy forms.

If a modulation [of electromagnetic energy that represents] a specific 'signature' / coordinate [of a different area of space and time] is imposed on this [energy form in the original location,] then a portal is opened to that [new] location. My concept is that a resonance is established between these two locations – i.e. the physical-spatial location and the artificially created image – and there can be more than two.

When a tuning fork is struck, a fork tuned to the same frequency will resonate with the excited fork, rapidly achieving an energy equilibrium between the two. Once this equilibrium is established, there is an energy transfer, almost in a holographic sense, which phaselocks the two forks. This can occur between any two resonant spaces or objects.

By adjusting the amplitude of the vibration between the two resonant bodies or spaces, an energy flow can be established in either direction between them. High amplitude always flows to low amplitude in the natural attempt to achieve equilibrium, thus creating a flow between the bodies or spaces.

Once a resonance is established, I believe that a mass can be caught up in this flow and physically transported between two resonant spaces. I am of the opinion that the claims of 'time travel' are much closer to being a dimensional shift where multiple realities exist within the same location [of space,] yet slightly out of phase (alternate realities or dimensions.)

What Decker is suggesting here, of course, is that at some point in our future, teleportation may well be a reality, once the basic principles are understood. For now, we must consider the evidence that already exists to suggest that this occasionally takes place on the Earth through natural means. As Decker's article proceeds, we get a valid description of what might happen to a living creature who passes through such a vortex. Perhaps this has already happened many times in the Earth's past, and the unfortunate creature then ends up emerging into our own reality. Such "time travelers" are referred to by Lt. Col. Tom Bearden as "tulpoids":

10.7.1 "TULPOIDS": TRAVELERS LOST IN TIME

By tuning to these alternate spatial, temporal or dimensional realities, creating a flow and then sustaining it, an object would shift to that location. In his book *The Excalibur Briefing*, Tom Bearden refers to these alternate realities and the appearance in our reality of phenomena he refers to as 'tulpoids.'

These tulpoids include UFOs, bigfoot, Nessie and other Fortean manifestations of short duration, yet some of which leave physical evidence of having been here. What if these are entities from an alternate reality caught in a momentary flow to be forcibly transported to our world? They would be lost and confused, probably antagonistic due to fear.

Many have remarked that the descriptions of the Loch Ness Monster and the Lake Champlain monster "Champ" are very similar to the ancient dinosaur known as the plesiosaurus; and we can add other ancient creatures to Decker's list as well. For example, there have been repeated reports from Africa of what appears to be a Brontosaurus from the Jurassic period known as "mokele-mbembe," and a Western scientist actually traveled there and observed the creature at a distance. Another interesting event cited in the book *New Lands* by Charles Fort, page 219, seems to indicate a warping of giant prehistoric insects through to present-day Switzerland. If the climate in Geneva was at one time tropical, then this time-warp may well have occurred in the same physical location:

Boston Transcript, 1922 – clipping sent to me by Mr. J. David Stern, Editor and Publisher of the Camden (N.J.) Daily Courier –

"Geneva, March 21 – During a heavy snow storm in the Alps recently thousands of exotic insects resembling spiders, caterpillars and huge ants fell on the slopes and quickly died. Local naturalists are unable to explain the phenomenon but one theory is that the insects were blown in on the wind from

a warmer climate.”

Furthermore, in *The Bermuda Triangle*, Berlitz also reports the case of the coelocanth, a fish that had been completely extinct for over 60 million years, suddenly appearing in the Indian Ocean, where it was caught by fishermen and brought to bewildered scientists. The small, dinosaurlike “chupacabra” phenomenon in Brazil might be another example of this as well; a creature that attacks chicken and goats and has a monstrous, lizardlike appearance. Now, Decker continues, with a speculation as to why the Loch Ness Monster, Bigfoot and other manifestations seem to disappear rather quickly from our known world:

The question then arises as to where do they go if they appear here, that is, why don't they STAY here? When one of these alternate reality entities gets caught up in a high density energy field, it is 'charged' with the 'coordinate / signature' of the field. For a short time, this signature overcomes its natural 'creation coordinate' and the entity transports to an alternate reality. The now charged entity wanders around in its new reality, bleeding off energy which was absorbed, and MAINTAINS its contact with the new reality. Once the energy has dissipated to a point allowing the entity's natural “creation coordinate” to resume, it transports BACK to its home reality...

Taking all this into consideration, the question then arises: how do we accomplish dimensional shifts under controlled conditions?

The idea of matter being able to either “expand” with energy or “bleed off” energy does not seem possible in the conventional explanations of quantum phenomena that are built on the idea of particles. However, in the new quantum systems of Rod Johnson that we will be studying in later chapters, this becomes entirely possible: matter is capable of shifting through many different “densities,” and at its core the “atom” is nothing more than a series of counter-rotating electromagnetic fields. Obviously, in cases like the coelocanth, if such a creature did actually travel through time to the present it was able to do so with enough completeness that it could remain in our present world, as in this case it did not “bleed off” energy to return to its original space-time coordinates.

10.8 WARP TRAVEL USING “GRAVITY LASERS”

After the above introduction, the first case that Decker reports in his article is that of Dr. Alan Holt from NASA. Holt's “original” idea for warp travel through space ties in with Einstein's ideas, and involves the artificial generation of an electromagnetic energy pattern around a spacecraft that precisely matches with the “resonance signatures” of a distant point in space and time. Then, if the precise resonance of space-time vibration for the desired distant area can be established in the area surrounding the spacecraft, the spacecraft will naturally “warp” to the new location through a higher-density “tunnel” vortex. The “space-time fabric” (read: aether) surrounding the original location would forcefully push away the ship as it snaps to its new space-time ‘coordinates.’ Interestingly, this is very similar to Bob Lazar's testimony regarding the papers that he read on how the captured extraterrestrial craft that he had worked on were able to transport themselves from one area to another.

In Lazar's model, the three evenly spaced half-spheres seen on the bottom of

many disc-shaped UFO craft are "gravity amplifiers" that are capable of focusing gravity into pencil-thin, highly energetic beams, in the same sense as a laser focuses a beam of light. The craft is tipped on its side and an advanced system "triangulates" the beams to shoot out and intersect at the exact point in distant space where the person flying the ship wants to go. A resonance is established between the two areas, and the gravitational fields form a point of incredible strength where the three beams cross. This powerful force is centered directly back on the ship itself, and due to its massive gravitational and energetic pull, it opens up a higher-density "wormhole" through time and space that instantly pops the ship through hyperspace to its new location. It is very interesting that someone from NASA would independently suggest a very similar idea, and this is a strong indication that they are aware of this technology as well and are slowly "dripping" it out to the public. Whether it is actually up to working capacity or not is another story.

10.9 THE DISAPPEARANCE OF MIKE MARCUM

From here, Decker cites some "unverified and highly suspect" information that may or may not be true. We cite some of the data here with the assumption that some or most of them are false; however if any of them are true, then they would represent active and obviously dangerous technological applications of these principles. Just as Benjamin Franklin's literally shocking "discovery" of electricity with a metal-wire kite was a breakthrough that came at a price, much of the present danger could stem from the relative lack of understanding of exactly how these vortices and energetic phenomena are functioning.

The first two cases reported by Decker from the "Fortean" newsgroup appear to be of the same person, Mike Marcum, who lived in Missouri and experimented with these principles. In the classic distortion that "hearsay" produces, the second person's report mistook the name of the state that Marcum lived in as Michigan, and indicated that there were five, not six electromagnets involved:

[Case One, posted Nov. 28, 1996:] Mike Marcum, the Missouri guy who made News of the Weird in 1995 after he stole six power company transformers he said were necessary to make his time machine (so he could find out the winning lottery number and come back and buy a ticket,) called a radio show from Nevada in October 1996 and said that he was only 30 days away from finishing his invention. His Missouri landlord had evicted him for various electrical misadventures in his apartment...

[Case Two, posted Jan. 28, 1997:] Today on the telephone with a friend in Northern California, I was informed about a man in the State of Michigan who had invented a "time machine." This man had supposedly worked on the legendary Philadelphia Experiment and informed his friends and confidants that he "knew what he was doing."

He set up these five 300-pound magnets in a circle and had them super-energized with electric currents. He put a cat in the center of the circle, and the cat disappeared. Then he put a goat in the circle, and the goat also disappeared into the mists of time.

Finally, he got into the center of the circle himself, and he, too, disappeared into "another dimension," never to return again...

According to my California friend, this supposedly happened quite recently; and he is going to try to find out more information about it, such as the man's name and where this "experiment" is said to have taken place. I will post a follow-up of anything else of pertinence on this matter.

As we can see, the idea in the second post that the event happened "quite recently" and the dates of the two postings do coincide nicely, making it likely that both refer to Mike Marcum's experiment. Marcum said on the radio he was about "30 days away" from completing the device in October 1996, and on Jan. 28, 1997 the second person was informed that the man had disappeared "quite recently." Obviously if this really did happen and is not simply an "urban legend," then someone else had to have been present at this experiment in order to verify all the disappearances, including that of Marcum himself.

10.10 DR. CHERNOBROV'S EXPERIMENTS WITH TIME

The next excerpt in Decker's article from Dr. Alexander Frolov is far more empirically provable than the above accounts, as we know who conducted the research, who published the material and where it was presented. It will be summarized here for brevity. In his dissertation for the Moscow Aviation Institute, Dr. Vadim Chernobrov gave the basis for an electromagnetic propulsion drive, and Dr. Frolov later invited him to his June, 1996 conference entitled "New Ideas in Natural Sciences." At the conference, Dr. Chernobrov gave a presentation concerning experiments that were designed to change the rate at which time passes in a local area, and also published a paper on his results in the Conference Proceedings thereafter. As Dr. Frolov reports:

[Dr. Chernobrov] used electromagnets installed so as to produce several spherical envelopes: one envelope is installed inside of another. The entire system is a multi-envelope structure like the Russian toy called the "matrioshka," or "nested dolls." [Dr. Chernobrov's] goal is to make a special type of electromagnetic field that is moving from the periphery [of these spherical envelopes] to the central point. The shift of rate of time in such a system is very small, [amounting to] several seconds per one hour of experiment.

In this case, the success of Dr. Chernobrov's experiment is entirely understandable, as we have already explored the natural cases of this time dilation effect, including the Oregon Vortex, which anyone can visit and scientifically examine at any time. And considering that Drs. Roschin and Godin were also trying to produce an "electromagnetic propulsion drive" with the Searl Effect Generator and also measured "spheres within spheres" of magnetic and thermal energy around their device, Dr. Frolov's statement becomes far more plausible. It is likely that minor time changes would also occur around the Searl Effect Generator as well, if the appropriate measurements were taken. We do know that in the published work of Dr. Bruce DePalma, such time changes were observed and measured in the areas surrounding his free-energy prototypes, thus adding another layer of validation.

Furthermore, the above excerpt mentions that Dr. Chernobrov wanted the electromagnetic fields to move from the periphery into the central point. This is obviously a representation of his attempts to create the axis of the polarized CU, (like what we see in a tornado,) which will only form when a sufficient level of energy strength and rotational speed is reached within the spherical energy fields themselves. The amount of force that is required to create the polarized CU is high enough that there are frequent reports of magnetic free-energy devices shattering to bits once they go above a certain speed of rotation. Future designers of anti-gravity propulsion systems will be forced to circumvent these problems, and Prof. Searl appears to have done it by using precise mathematical ratios between the rollers and rings, based on the principles of the "magic square," to insure that the load is perfectly distributed throughout the device. His design also requires each ring and roller set to be identical in weight to the one before it, thus forcing each successive ring and roller layer to be shorter in height than the one closer to the center.

10.11 THE DANGEROUS POSSIBILITIES OF "WARP" EXPERIMENTATION

The next case in Decker's article is also from the Fortean list, and the author apparently did not want his name published, thus bringing us back to the realm of the "unverified, most likely false" category. It is presented here as a reminder of the dangers involved in trying to duplicate this technology:

...I have a friend who knew the owner of an electronics company. This man was very intrigued by high density magnetic fields. One day he built a transformer on a motorcycle type frame and installed a 'dead man switch' which would disable the power if the switch was released.

With his technicians running the machine, the owner sat on the frame and the power was applied. I have no idea if it was DC or a special frequency of AC. After about three minutes, the man began looking around the room as if he were seeing something different or new... shortly after, his body began to shimmer as if disappearing. It was at this point [that] he released the switch and the power went off.

He reported that the walls of the room began to melt away, showing a pristine, undeveloped landscape as if the city and this building had never been there. One of the fellow techs was chomping at the bit to ride this thing.

The owner finally agreed only after the tech signed a medical and legal release in the event [that] anything bad happened to him. He sat on the frame, [the] power was applied and nothing happened until about 3 minutes had elapsed. This guy began looking around, just like the owner had, and his body began to shimmer. He did not release the switch.

As more time elapsed, the man's body disappeared from view, yet the dead man switch was STILL BEING PRESSED. After 5 minutes, the owner had the other techs turn off the power. The rider reappeared, babbling and drooling, totally insane. The machine is supposed to be locked up in the owner's garage and he has moved to Colorado. I know this sounds like so much BS, but there is more that I won't bother you with at this time. Something is going on here that is beyond urban folklore. Thanks for your interest, perhaps when I get a file compiled for my website, we can collect other correlative information that

might give further insight into an experiment...

10.12 LUMINOUS EXPLOSION IN VORTEX

Another case from Berlitz' book *The Bermuda Triangle* reveals that not everyone is as lucky as Chuck Wakeley when passing through an interdimensional Earth vortex. Bob Brush, a commercial airline captain, witnessed a Constellation aircraft explode mysteriously in the Bahamas near Great Inagua, in October 1971:

Bob was flying a DC-6 and got the Constellation on radar, flying low and possibly in trouble. Suddenly it exploded with a flare that lit the sky from horizon to horizon. The explosion was so brilliant that it hurt the eyes – absolutely unusual. A boat near the scene picked up a flight manual that Bob later examined and it was riddled with small holes...

10.13 WILBERT SMITH AND "PROJECT MAGNET"

Both Charles Berlitz in *Triangle* and Dr. Richard LeFors Clark in *Anti-Gravity and the World Grid* report on the work of Wilbert B. Smith, a Canadian communications engineer in the Department of Transportation, who studied similar anomalies to the Bermuda Triangle that occurred over the eastern Lake Ontario area. He is the only person to have conducted an official Government exploration into magnetic vortex anomalies, which was known as Project Magnet and was conducted in 1950 on behalf of the Canadian National Research Council and the U.S. Navy. The project was later classified, ostensibly because of the dramatic and destructive nature of such vortices. In Smith's work, he reports finding what he called "areas of reduced binding" that were approximately 1,000 feet in diameter and extended upwards for a considerable height. If a plane were to fly over the area, then just as in the case of the tornado, its matter would become flexible and elastic, thus causing it to rupture and explode. Some of the vortexes appeared to be mobile, and their positions would change with time. Smith also correctly ascertained that these anomalies were being caused by gravity stresses that were formed deep within the Earth.

10.14 DD HOME'S CONSCIOUS INTERFACE WITH LAKE ONTARIO VORTEX

Dr. Clark also points out that nineteenth-century mystic DD Home lived in the same area on the eastern side of Lake Ontario where WB Smith's experiments with Project Magnet were conducted. As we have already mentioned, Home was repeatedly able to levitate his body high into the air in front of a room full of people, as well as a host of other highly unusual phenomena. He could put his hands or head into a stove and not be burned, and could also levitate an accordion inside of a cage and play a tune on it. His various feats were witnessed and verified from 1820 to 1850 by noted scientists, world dignitaries and many of the ruling heads of Europe. Based on Smith's research findings, Dr. Clark speculates that the energy in this particular vortex area was able to powerfully enhance Home's psychic development. It may well have provided a high degree of "free consciousness energy" that would later be harnessed and lead to his remarkable abilities becoming possible.

10.15 LEEDSKALNIN'S "CORAL CASTLE:" LEVITATION?

Dr. Clark also brings up the case of Edward Leedskalnin in his article in Anti-Gravity. Leedskalnin built a magnificent city of huge coral blocks that he named "Coral Castle" in Homestead, Florida, with no apparent access to tools or lifting machinery. Dr. Clark argues that Leedskalnin had found a vortex where the gravity-levity balance was much more equal than in most other places, and therefore by simply pushing up on the blocks at their exact center of gravity, the necessary "lift" could be provided to move the blocks. The immediate problem that we can see with such an idea is that this should have created a dramatic difference in the gravity readings from that area, and yet there is no mention of this in associated literature. If the gravity-levity balance were truly that close to being equal there, then we would expect it to have been long since known and discussed. Furthermore, most other sources that discuss Coral Castle will invariably mention the case where a person sneaked into place to watch as Leedskalnin held out his hands and levitated the blocks off of the truck to put them where he needed them to go.

While this may seem impossible to us, there are many accounts of ancient megalithic stone temples being built from multi-ton blocks that have been fitted with excessive precision, and no archeological evidence to suggest how they were moved. As Graham Hancock noted in his book Fingerprints of the Gods, even the largest modern cranes in the world are not capable of moving blocks that are the size used in the Great Pyramid and other spots. Furthermore, in the case of the Tibetan Acoustic Levitation, we see a process that appears to have used psychic concentration in combination with carefully-tuned sound to produce the necessary energy to move large stones.

Thus, Leedskalnin may be yet another case like DD Home, where living in a certain area provides psychic development that allows levitation effects to occur. Perhaps St. Joseph of Cupertino, who we mentioned in the second chapter as one of the Catholic "levitating saints," also lived in such a vortex area.

10.16 WALTER RAWLS' MYSTERIOUS MAGNETIC ADVENTURE

Returning again to Decker's article on dimensional shifts produced by electromagnetic energy, his next reported case is one that Decker recalled from a phone conversation that he had several years before writing about it. In this case we have the name of the person involved and his own testament to Decker that he was telling the truth. However, these effects are subjective and should not be seen as "proof" of anything, merely interesting possibilities:

Walter Rawls, who worked with the effects of monopolar magnetic fields on matter with the late Albert Roy Davis, told me in a telephone conversation of his experiments with a North pole magnet situated over the pineal gland.

A mask was made which held the North pole end of a long cylindrical magnet over the pineal gland. The purpose was to stimulate the gland and see if there was anything to this 'third eye' business. Exposure was in the range of 10-30 minutes per day over a period of about 4 weeks.

Within the first week, he was sitting at his desk reading documents when he noticed something move out of the corner of his eye. As he looked up, the ghostly figure of a man had walked through one wall, moved across the room and disappeared through another wall. The figure was totally unaware of

Walter. Further exposures to this North pole field took place over a second and third week.

The second week, the same ghostly figure moved through the room and glanced toward Walter as he passed through. This time, the figure appeared to have slightly more detail, not quite so ghostly.

The third week, while busy working on documents, Walter noticed a change in the room. When he looked up, the wall had dissolved away and he was looking at a small hill where a man and woman sat beneath a tree. It was the same ghostly male figure who he had seen on the other occasions. He sat quit still, watching this pastoral scene for several minutes.

The man looked over toward Walter and appeared startled. It was as if he clearly SAW Walter this time and possibly recognized Walter as the ghost that he had seen the previous week! The image faded away and the wall restored to its normal condition. From that moment on, Walter never used the pineal stimulator again.

If there is any validity to what Rawls is saying, it would appear that somehow the powerful magnetic energies on the "third eye center" were able to crudely duplicate the same types of psychic enhancements that allowed DD Home to perform levitation and other feats while living in the East Lake Ontario energy vortex, and Ed Leedskalnin to build Coral Castle in the Homestead, Florida energy vortex. Interestingly, the works of Charles Fort mention that many "Spiritualist" studies were done at the turn of the 20th Century by organizations such as the American Society for Psychical Research, which directly correlated higher frequencies of ghost sightings and paranormal activity with higher energetic emissions from the Sun. In this case, the Sun appears to be lending the extra energy of consciousness that allows otherwise normal human beings to see into other realms, and / or causing a blending effect between realities. And as we shall see in a minute, there appear to be some people who can see these realms and perform psychic feats in them without any such outside energetic stimulation.

10.17 TIME WARPS DOCUMENTED FROM "BOTH SIDES"

Two interesting accounts, which may or may not be factual, are found on pages 96-98 of Nick Nelson's book *The Golden Vortex*, which we will discuss in the next chapter. Either one of them, if true, give us the unique possibility that these time-warping events have actually been witnessed and documented as having occurred from "both sides" of the phenomenon, the past and the future.

The first account comes from a retired police captain named Hubert V. Rihm, who was able to correlate a missing persons report of 1890 with a bizarre death in 1950. The similarity between the two events suggests that it was the same person, Mr. Rudolph Fentz of 50th Avenue in New York, who had instantly passed 60 years into the future. In 1890, the man left his house to have a cigar after dinner, which his wife would not allow him to have in the house, and she never saw him again. She subsequently filed a missing person's report. Ostensibly, the warp occurred in the same area that he had been walking, and he then re-appeared on the New York streets in 1950. At the sight of so many strange and noisy things, he panicked and ran into the

street, where a taxi ran him down and killed him. The identification and clothing of this man seemed decidedly out of the norm to Captain Rihm, who later made the connection through research. Interestingly, the fact that it was a 60-year time difference actually supports the idea that this could be true in terms of the physics that we now are re-discovering, which will be covered later in the book. The number 60 is directly related to vibration, which is the most important behavior of the aether.

The second account is from a pilot in Ohio in the early 1960's:

...A pilot was in his private plane flying alongside a low cloud, when out of the cloud comes a pre-World War One flying machine. They dodge each other but not before the wing tip of the modern plane grazes the side of the antique. The pilot loses sight of the biplane, which flees back into the cloud. He turns for home, and after landing files an angry report with the FAA. The authorities look, but are unable to find the old airplane and its reckless pilot.

Months later, under a pile of rotting hay, an old relic of a flying machine is found in a barn being torn down. An aged logbook is still in the cockpit, and its last entry records a near miss with a strange silver flying machine. The entry is dated 1911, and there is a long rip in the fuselage fabric in which is contained tiny flakes of silver paint.

Nelson does not cite his sources for these accounts, though only a few pages earlier he mentions a book on the Bermuda Triangle that we have not seen, entitled *The Limbo of the Lost* by John Wallace. If the actual date in "the early 1960's" was 1963, then we have the possibility of a 52-year vortex, and again 52 is an important number in the vibrational harmonic system.

10.18 MULTIPLE ENERGY BODIES

The next excerpt details Decker's speculations with his associates as to how these types of effects are occurring. If Walter Rawls had personally experienced an "interdimensional" phenomena when the magnet was over his third eye, then to him it was very real, and in talking with Decker he clearly wanted to know exactly what happened to him and why. Indeed, Decker's ideas on the subject match very closely with the information that is contained in the writings of alleged extraterrestrial entities Seth and Ra, as well as the accounts in the Vedic scriptures, which we will review later:

In conversations about this with Walter [Rawls] and other interested people, it was mentioned that there is a theory that we have multiple energy bodies, much like the KA and the BA of ancient Egypt. Each energy body lives in another reality, yet communicates with our consciousness here in this reality.

Another comment was that consciousness simply creates an energy body in whatever reality it VISITS. Prolonged presence in a given reality increases the density of the energy body, moving from a phantom, ghostly form that was at first not easily perceptible to the inhabitants of the other reality until the intruding energy body had become sufficiently dense to trigger their senses.

That could explain why repeated exposures would add density to Walter Rawls' other reality body, allowing its denizens to perceive him, thus the startled reaction from the male figure...

This point that Decker raises is significant enough that we will include some supporting material to further establish the idea that "prolonged presence in a given reality increases the density of the energy body" there. It appears that certain adepts are already capable of transporting themselves to other locations, either physically or energetically, and in the Carlos Castenada series of books, we have a detailed set of instructions on how to do this. The instructions themselves are very difficult but certainly possible to duplicate with practice. Most significantly, the observations of aetheric energy forms and descriptions of aetheric cosmology correlate so perfectly with what we have already seen in this research and with other shamanic accounts that it is highly doubtful that the real, core teachings are fraudulent. And, we should also remember that similar effects have been seen in shamanic cultures all throughout the world, including the Australian Aborigines, the Hawaiian Hunas, the Tibetan Buddhist monks, Hindu yogis and the like. In each case, a comprehensive set of secret teachings explains how these abilities are cultivated, and it appears that Castenada's accounts are an accurate retelling of this process.

10.19 CASTENADA, KACHORA AND THE 'ACTIVE SIDE OF INFINITY'

The controversial series of books by Carlos Castenada (d. 1999) support Decker's idea that a prolonged, focused presence "in a given reality" can lead to the person becoming visible there. Each of Castenada's books detail the mystical teachings and experiences that he had with a shaman "sorcerer" named Don Juan and others associated with him. Earlier in his training, various psychoactive compounds were used to bring him to a state known as the "second attention" or the "active side of infinity," where he was directly interacting in non-physical realms and having many anomalous experiences. Don Juan and others were able to project into these realms at the same time that he did, and thereby produce seemingly impossible and sometimes highly entertaining "miracles."

Castenada was told that the hallucinogens were only a stepping stone, and he was urged to learn how to make this transition without them, through a technique that was referred to as "stopping the world." In this technique, a sublime state of meditation is realized and the thoughts of the conscious mind are shut down. Many other valuable techniques were given by Don Juan to help induce the OBE state, including the idea of trying to observe a bush or tree in a whole new way, by bringing the shadows to the forefront of vision as though they were "real objects" and imagining the surrounding area as being "background." The change in perception that this exercise produces can cause the consciousness to naturally shift under the proper meditative circumstances. This and other practical shamanic techniques from the first nine books are very well compiled and woven together in the book entitled *The Teachings of Don Carlos* by Victor Sanchez.

10.19.1 DON JUAN = KACHORA

We now can conclude with reasonable certainty that the character "Don Juan" in these books was actually a composite of several different shamans / sorcerers whom Castenada had interacted with, and the primary character's true name was Kachora. Many people have now been able to meet Kachora, as he does occasionally make an appearance at various Native American and

spiritual conferences, and Wilcock has personally spoken to someone who knew one of his close friends. Kachora has allegedly confirmed that certain details of the books are entirely false, such as the event at the end of *Tales of Power* where Castenada and Pablito jumped off a cliff to test their abilities to dematerialize and rematerialize their bodies somewhere else that was safe. This dramatic ending also featured the character Don Juan making a permanent transition into the realms of Spirit, thus apparently signaling the end of Don Juan's teachings and also the end of the series – that is, until many more books were published! It is now argued that Castenada was encouraged to perpetuate this fraud in order to create the inevitable sensationalism that would be produced in its wake, thus selling many more books as a result.

Since Kachora confirms that aspects of the books are indeed false, it becomes difficult to determine exactly how much of them are true, if any. The most glaring flaw in the material that is consistently pointed out by skeptics is that all the books published after *Tales of Power* were allegedly dredged up from Castenada's "hidden memory" of interactions with Don Juan before he left the physical plane. In fact, the conversations in the later books appear to simply represent further interactions that he had with Kachora and transcribed in the same manner as he had always done before. It also appears that Castenada may have regretted the decision to lie about certain events later in his career, as books such as *The Art of Dreaming* seem much more systematic and practical in light of the corresponding evidence that is available from other shamanic traditions. However, it is detrimental that he never made an official public statement to clarify what parts he felt had truly happened and what parts were fabricated.

10.19.2 "SEEING" AND OBE TRAVEL

Even though the credibility of the books is heavily damaged by these inconsistencies, the fact remains that a very comprehensive set of teachings are given that describe how to manipulate the conscious energy of the universe. Most importantly, Kachora seemed to continually stress to Castaneda the importance of learning the art of seeing, which meant coming to a place where the energy fields of the universe could be visually perceived. In this state, each human being would have a luminous egg or "aura" surrounding them as so many other healers have seen, and a weblike matrix of interconnecting strands of light was perceived to link everything in the Universe together. According to his own written testimony, Castenada did eventually learn to do this, and this is most likely true. Furthermore, in the book *The Art of Dreaming*, Kachora tells Castenada that through a rigorous spiritual discipline, which includes meditation, dreamwork, diet, exercise and complete celibacy to "store your sexual energy," it is possible to eventually develop your abilities enough to teleport yourself to another location, or at least send a visible "double" of yourself somewhere else.

In Kachora's system, which he claims as having been handed down from an advanced ancient civilization, the key to this form of travel is in developing the out-of-body or "lucid dreaming" state. As Dr. La Berge of Stamford University Dream Research Laboratories confirms, when a lucid dreamer travels into the dream state, the objects and environment around the dreamer will continually change. In fact, Dr. La Berge uses this innate property of the dream plane as a test for people to check if they are actually dreaming or

awake. The test begins by staring at a particular object, especially if it has writing or other notable features on it, and then looking away. When looking at the object again, if the subject is dreaming then it will have noticeably changed. In Dr. La Berge's research this constant malleability of the dreaming realm is simply assumed as a "given," whereas the shamanic traditions seem to suggest that it is simply a beginning stage in a process that can eventually be developed much more fully.

10.19.3 STABILIZING THE DREAMING ENVIRONMENT

Indeed, the ancient shamanic traditions as given by Kachora teach us that the secret path of the "adept" is to learn to stabilize the dreaming environment. The most frequent exercise that is cited in the Castenada books is to try to look at your hands and will them to continue to stay the same in their appearance. Wilcock has personally conducted these experiments many times and can verify that it is extremely difficult to keep your hands from changing as you do this; fingers will appear and disappear, your hands may appear to shimmer and grow larger or smaller in size, they may grow weirdly distorted or you may not even see them at all. Wilcock has also tried to stabilize certain objects in the environment, such as a simple chair, and can attest to the fact that it is quite a challenge and would obviously require extensive practice to perfect. It is easiest to accomplish a partial stabilization by starting with a small area at the center of your field of vision and then gradually expanding it outward, like the opening of a lens. Living and moving through an area that you must constantly maintain with your own concentration is certainly an interesting experience; it will invariably have blurry spots and will fade out to a hazy, formless area that seems to always be light gray in color as soon as you lose your focus. Once you enter this gray area you are in immediate danger of losing the experience and snapping back into your body.

Kachora goes on to say that with continuing effort, one can indeed learn to keep things stable; for example, you could imagine yourself to be in your living room and use intense concentration to keep it looking exactly as your living room would normally appear. Once this "intent" is able to keep your location focused for longer than a few brief moments of time, you will actually project an energetic aspect of yourself to that location, and others may then see this as a ghostlike projection. In the writings of Robert Monroe, he reports doing just this to several different people during his out-of-body explorations, including his own daughter who would recognize him. And, in the wonderful book *Adventures out of the Body* by William Buhlman, he reports performing experiments where a pencil would be placed on the edge of a table before an OBE state, and you then project out and tip the pencil over in the physical plane with the intent of your energy body alone. Upon awakening, it is easy to see if you have actually succeeded.

10.19.4 VORTEX PASSAGES

Kachora says that if you sufficiently develop your abilities, you can actually travel to the stable location that you have "anchored in" through your dreaming personality and either have an energetic double of yourself exist there or even cause your body to dematerialize from its original location and appear in the new location. This would certainly be a great convenience, and almost all relevant metaphysical sources tell us that after the vibrational shift occurs on Earth, it will be much easier to do than it is now. Furthermore, the

idea bears remarkable similarities to Alan Holt and Bob Lazar's ideas about "warp" teleportation:

If a great strength can be created in the conscious energy coordinates where you would like to go, then a portal outside of our known space and time will open up to bring you there.

In *Adventures out of the Body*, Buhlman demonstrates that this vortex formation has often been seen visually by people who pass through it. The most common means in which it is described is in the near-death experience, where almost every participant reports passing through a dark tunnel area with a tiny light at the far end. As they move through the tunnel at apparently great speed, the light rapidly gets bigger, and when they arrive at the light they are in a completely new location. Though this process is commonly seen by those who report having near-death experiences, Buhlman has compiled many other examples of people moving through such vortices in an out-of-body state, without having to undergo the near-death experience.

10.20 PAUL TWITCHELL: PSYCHIC TELEPORTATION?

Another possible source of corroboration for such a psychic process comes in the case of Paul Twitchell, whose supporters founded a metaphysical sect known as "Eckankar", which is now the subject of scrutiny and controversy as possibly having become a cult. As reported in Brad Steiger's book *The Enigma of Reincarnation*, Twitchell's abilities came about as a result of going through the Nazi concentration camps as a youth. Due to the extreme conditions that he was placed under, he developed the ability to project out-of-body at will. Later in his life he became well-known for his ability to do this, and like Edgar Cayce he also seemed to be able to access an "Akashic Record" where he could obtain medical and past-life information for others. Interestingly, Steiger tells of the following case on page 107:

Twitchell's friends like to tell of the time when Paul was imprisoned in a South American jail because of a misunderstanding about his passport. To amuse himself and to confound his jailers, Twitchell appeared walking about in a downtown square while his physical body lay on a bunk in the jail cell.

These are just a few of many cases that are scattered throughout metaphysical literature about people being able to either send spiritual "doubles" of themselves to remote locations or actually make a complete "teleportation" occur by consciousness. Once again, we see that if consciousness is at the root of all the energetic phenomena that we have been discussing, then all possible effects seen with technology or in Earth vortices such as the Bermuda Triangle should be able to be performed with consciousness as well, if the person has a sufficient degree of focus. We are not interested in trying to prove this further to those who will attack every point with an impenetrable wall of skepticism, as the preliminary results of going out-of-body can indeed be replicated by anyone who is willing to put the time in. Buhlman's book is perhaps the best and most straightforward set of instructions in this process, and in Wilcock's case a successful OBE was achieved after only ten days of practice. Those who visit the Monroe institute and make use of their Hemi-Sync technology can replicate these results with even less time and effort.

10.21 "DARK" PORTALS IN SPACE AND TIME

While adepts can perform magnificent feats of consciousness, a knowledge of this new physics may well lead to similar technological applications. Now, we will again return to Decker's article for further information that may corroborate the idea that such dimensional shifts are possible with the proper equipment. Although many of the vortexes that we have discussed appear to be areas where aetheric energy is visibly emerging into our world as energy and light, there are other cases where it appears that a sort of miniature "black hole" is formed where the circulating aetheric energy is not visible at all, instead creating an absence of light. These will be covered immediately after our next excerpt. The properties of these vortexes remain very similar in many ways, thus not in keeping with typical assumptions about "black holes" in the Cosmos as being total gravity wells that would suck in and destroy everything around themselves. We also need to mention that in Bearden's own world of physics terminology, a 'scalar wave' is essentially a wave that moves through the aether at a vibrational level that is outside of our current focus. By crossing two scalar-wave beams together, a variety of effects can be produced, including the luminous spherical torus we have been studying:

It is also worthy of note that many of the reports of free energy devices, when in operation and drawing 'negative energy' also produce phenomena relating to weight loss and temporal alterations.

Years ago, Tom Bearden told me of an experiment that he and an unnamed researcher had carried out using a scalar [wave] generated from interferometry. Two [scalar wave] projectors were aimed to coincide [or "interfere," hence "interferometry,"] at a fixed point in space. When power was applied and the frequency / phase was adjusted, there was no apparent change in the target area.

After some time had elapsed, the two went to get something to eat. When they came back a few hours later, it was observed that a black 'something' like a slit or opening had appeared at the target area.

Because they were working in a totally unknown area and for fear that 'something' might come through this slit once it opened up, they discontinued the experiment. A couple of years later, while visiting Peter Kelly at his lab in Georgia, he admitted that he was the other researcher and verified Bearden's report.

This is certainly quite remarkable, and probably quite hard for most of us to imagine; however, there is corroborating data to support this point, from completely different sources. The idea of a "dark slit" or "hole" opening up at a vortex point is contained within Berlitz' study of the Bermuda Triangle anomalies; however, unlike a black hole that seems to be a gravity well, these dark areas seem to form a spherical bubble of repelling gravitational energy around themselves that prevent anything from moving through the area. The next excerpt discusses Norman Bean, an electronic engineer, metaphysical researcher and inventor who devised a workable means of closed-circuit underwater television and also a form of shark repellent. Certain individuals anonymously reported a very bizarre experience to him, which he later recounted to Berlitz. The first event that is mentioned occurred on an

evening in September 1972 and involved a diesel-powered boat named Nightmare, which was traveling between Featherbed Banks and Matheson Hammock in Biscayne Bay. The ship was returning to its home port after a fishing trip, and when it reached the Featherbed Banks area, its compass appeared to be offset by 90 degrees, and the Nightmare was just beginning:

The boat lights became weak and then were extinguished, as if there had been a tremendous drain exerted on the batteries. Thereupon, disregarding the compass reading, the pilot steered directly for landmarks due west, under full power. But the only change in position was to the north, as ascertained by shore lights slipping to the south. For two hours the boat continued toward the shore but was unable to make any progress and seemed, if anything, to be backing up.

During this time, a large dark shape blotting out the stars was noted by the occupants of the boat in the air between the boat and Matheson Hammock, a mile or two to the west. As they watched it they noticed a moving light enter the dark area, remain poised for a few moments, and then disappear. Shortly afterward the dark shape also disappeared. After the disappearance the compass returned to normal, the generator recharged the batteries, and the boat was able to proceed forward.

Berlitz goes on to report that Bean had a similar experience reported to him several years before he was told the case of the Nightmare. The person who reported this event to him was a retired US Navy captain. The captain met Bean at one of his lectures, but would only discuss his observations with Bean in private, as he was "unwilling to jeopardize his reputation for veracity or exact observation: "

The incident happened a week before Christmas 1957. A thirty-five-foot diesel-powered fishing boat belonging to and piloted by the captain on a course to Freeport, in the Bahamas, was unable to proceed forward for a period of several hours and was even pushed backward several miles. The generator went out as well as the lights and radio and the compass went into a spin. Although the diesel engine kept running, the boat was unable to make any headway.

As in the case of the Nightmare, the crew noted that, although the water was calm and the stars bright, a certain area of the sky, dead ahead on their intended course, showed a starless black patch of regular outline. At one point they saw three moving lights in a row enter this dark area and disappear. Shortly afterward, the black patch in the sky suddenly lifted and the boat was able to resume progress forward, the lights and the battery-operated radio went on, and the compass returned to normal. The captain and his four passengers later learned that during the same night, forty miles away, a freighter that had been navigating the Gulf Stream southward ended up beached on a mudbank to the west, near Fort Lauderdale, its steering device having suffered a ninety-degree deflection.

If we accept these two accounts from Bean as actually being factual observations, then these events become explainable in light of Dr. Dmitriev's findings and others. In both cases, a dark spot in the sky was visible at night that seemed to obscure the view of the stars around it. In many ways, the properties of the vortex itself are very similar to what we have already seen,

such as point three in Dmitriev et al.'s list of "vacuum domain" anomalies, which states that these vortices have the ability to power down electronics. We remember that in Dr. Dmitriev's tornado studies, he makes mention of tornadoes passing over rivers and forming bowl-shaped depressions in the height of the river as it continues flowing. Similarly, these dark areas appear to have sphere-shaped gravitational forces around them that press outward from their center of origin in all directions.

Other than in Bearden's bizarre experiment, no such vortices appear to have been spotted in daylight hours. However, any slight discoloration in the sky would automatically be assumed to be a cloud formation by almost everyone who witnessed it. So, it is possible that this could be the same type of vortex that causes time losses, disappearances and other phenomena during the day, where the more powerful light of the Sun and the surrounding sky is able to obscure the vortex's appearance at a distance. The vortex might remain unnoticed unless someone or something were to pass through it, in which case all electromagnetic instruments would be rendered inoperable and the associated time anomalies would likely result as well.

In both of the above cases from Norman Bean, the immense energetic "stress" created by such a vortex naturally drew one or more natural self-luminous formations (NSLFs) out of the Earth, as a consequence of having such powerful attraction to all electromagnetic energy nearby. In this sense, the behavior of the dark vortex is not much different than what happened to NASA's "tethered satellite" in the STS-75 experiment, where it became highly charged with visible energy and then attracted a whole series of luminous balls of light to itself. And we remember that these balls of light are constantly being formed by the Sun, enough so that they strike the Earth's ionosphere about 30 times per second, forming "atmospheric holes" or "small comets."

We remember from Dr. Dmitriev's research that the energies of the Sun can draw NSLFs out the Earth as well, and that the number of these anomalies rises sharply in times when the solar activity is at its peak. We also know that when NSLFs appear in an area of high seismic activity, the "stress" on the fault line is reduced, and the amount of local earthquakes then goes down. Thus, in the above cases of Norman Bean, it would appear that the NSLFs are being drawn out of the Earth by the dark vortex in order to return the pressures in the hole to a state of balance. In both cases reported by Bean, once the NSLFs entered the dark area, the vortex then disappeared and everything quickly returned to normal.

It is interesting to note here that on Richard Pasichnyk's website at www.livingcosmos.com, he suggests that a luminous vortex is one that involves electrically-charged ions that then ionize the atmosphere around them, whereas the dark vortex involves neutrons, which naturally obscure the light around them.

10.22 WALTER RUSSELL'S "SPHERICAL VORTEX" EXPERIMENT

Our last excerpt from Decker's article on dimensional shifts concerns the work of Walter Russell, and its replication by other researchers later on. Here, Decker is still referring to his discussions with Peter Kelly, who we remember was the other scientist working with Lt. Col. Bearden when the "dark slit" was formed in their laboratory experiment:

A couple of years later, after we both spoke at a conference in Denver and on the plane back to Dallas, I told Peter about an interesting experiment that was done by Walter Russell and recounted in his excellent book 'Atomic Suicide'. Two coils were wound on cones.

The apices [or tips] of these conical coils were pointed towards each other and power was applied so that bucking [spherical] fields were created by the collision of opposite magnetic fields. Very fine iron filings were dropped into the gap between the coils and a levitating sphere was produced.

When the coils were slowly pulled apart, an oval followed by a sphere surrounded by a disk appeared. [This is exactly what we now see with the planet Saturn, incidentally, and is an important point that will be covered later.]

When Peter arrived home, he tried this experiment and reported that when power was turned on, nearly everyone in the building complained of feeling nauseous or queasy. He explained that an experiment was going on so that everyone would understand what was happening.

After about an hour, the very clear and cloudless sky began to suddenly boil up and a major thunderstorm ensued. Power was removed from the coils and the storm dissipated as fast as it has arisen... ??? Weird stuff, no doubt, and subject to duplication by others if we all share our information.

Here, we should remember Eugene Podkletnov's anti-gravity experiment in Finland, where the smoke from one of the men's pipes was consistently seen to rise like a chimney over their "cryostat" device, and the air pressure measurably lowered in that area, then continuing on in each floor above. This direct movement through solid matter is the first anomaly in Dmitriev et al's list of the properties of vacuum domains. Based on this existing data, it shouldn't be difficult for us to see that the intense counter-rotating electromagnetic fields formed in Peter's experiment with the two magnetized cones were able to create a vertically-rising low-pressure zone in the area. This then attracted high-pressure clouds and lightning from the surrounding atmosphere. When the machine was turned off, the low-pressure zone disappeared and the atmosphere could restore equilibrium. This also provides continuing validation of the idea that all weather, not just tornadoes, is formed by an electromagnetic interaction of the layers of the atmosphere with the movement of the layers of matter and energy under the Earth.

When we ask the question of why the others felt nauseous or queasy when the machine was running, we must remember that these powerful energetic forces are actually changing the normal state of matter, sometimes quite dramatically. Since our bodies are very sensitive electromagnetic instruments in their own right, it would make sense that a significant alteration in the natural vibrations of a given area could produce discomfort. This may also be related to the observation that stress, conflict and tension goes up during the times of the Full Moon, high solar activity (seen in a corresponding drop in financial markets) and, as all astrologers know, the retrograde movement of planet Mercury.

10.23 OTHER VORTICES THAT MATCH 'BERMUDA TRIANGLE'

If there was only one such location on Earth as the Bermuda Triangle, then perhaps flying and sailing would be totally risk-free; but in fact there are several such areas that must be considered. Other naturally-occurring Earth vortexes have also been seen to alter the flow of time and / or produce dimensional shifts.

10.23.1 THE DEVIL'S TRIANGLE

The most well-known of these other vortex areas, (originally compiled together by Ivan Sanderson, as we shall see,) is off the southeastern coast of Japan, between Japan and the Bonin Islands, and is known as "The Devil's Triangle" or "The Devil's Sea." Due to the number of anomalies and disappearances that have occurred at this point, the Japanese government has officially declared it a danger zone and ordered marine and aircraft pilots to avoid the area. In this sense, it has an even more prominent official reputation than the Bermuda Triangle.

As Berlitz reports, this area had long been feared by fishermen who felt that monsters, demons and devils would capture the ships of those who passed through the area. For many years there have been disappearances of aircraft and boats over the area, but this area was especially serious for the Japanese in the time between 1950 to 1954. Although this was a time of peace after the end of World War Two, in this brief four-year period nine modern ships disappeared with crews totaling several hundred persons. These disappearances occurred with the same conditions as we would expect in the Bermuda Triangle, including the lack of wreckage or oil slicks, even after extensive searches by sea and by air.

Berlitz makes a very important point about the relation between the Devil's Triangle and the Bermuda Triangle; they are on the exact opposite locations of the Earth's surface, and in both places the magnetic and true rotational North are aligned. The Bermuda Triangle is situated at 80 degrees west longitude and the Devil's Triangle is located at 150 degrees East longitude. Again, to state it clearly, when you use a compass in either of these two locations, it will point directly at both Magnetic North and Rotational North at the same time. This suggests that there is some direct association between these vortexes and the tilt angle of Earth's magnetic field, and we will discuss this more clearly in the next chapter.

By the end of 1954, with nine ships and several hundred persons missing from this spot, the Japanese government decided to launch an official investigation. A series of scientists sailed the Devil's Sea on their ship, the Kaiyo Maru No. 5, with all the appropriate instruments they needed to try to check for magnetic and gravitational anomalies as well as to test for more prosaic explanations involving whirlpools, tidal waves and the like. Not surprisingly, as their investigative expedition proceeded forward, the ship suddenly vanished with all the crew and investigating scientists, and no trace of wreckage was ever found. In the wake of this event, the Japanese government declared the Devil's Sea to be an official hazardous area.

10.23.2 ADMIRAL BYRD AND THE SOUTH POLE VORTEX

Another incident, this time over the magnetically active area of the Earth's

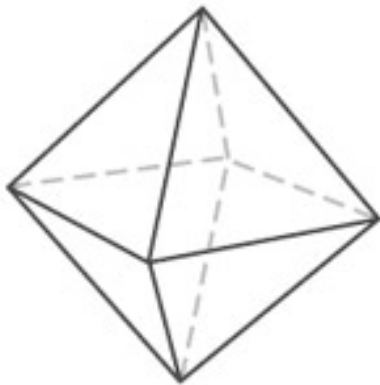
rotational South Pole, was widely reported in the United States and led to all sorts of fanciful speculations about the "hollow earth" theory. In 1929, while flying over the South Pole, Admiral Richard Byrd said that he passed through a foggy light to emerge into an area of green land and ice-free lakes. He witnessed huge bisonlike beasts as well as other animals, and also saw what appeared to be primitive human beings.

As these shocking observations passed over the airwaves, his broadcast was immediately cut off and the report attributed to temporary nervous exhaustion or hallucination. Immediately thereafter the government and media tried to downplay the event and quickly act like it never happened. In reality, what appears to have occurred is that the pilot had temporarily moved through a portal in time that showed him an historic view of Antarctica, back when it was not covered by ice. (A variety of ancient maps such as the Orontaeus Finaeus, Mercator and Phillippe Buache, have clearly outlined the shape of the Antarctic continent under the ice, as we mentioned in *The Shift of the Ages*. The ancient maps' accuracy was confirmed by under-ice measurements conducted in International Geophysical Year 1959.)

These time-warping effects might seem impossible, but as we proceed we will go into precise detail about a very clear connection between the polarized CU as an energy form and the passage of time. We will see that time does not pass as a uniform "flow," but rather has a structure to it; and at certain points in the structure, different cycles of time can essentially "blend together." This will also be seen in the startling repetition of historical events in regular intervals, but actual time travel and time-warps certainly seem to be possible as well.

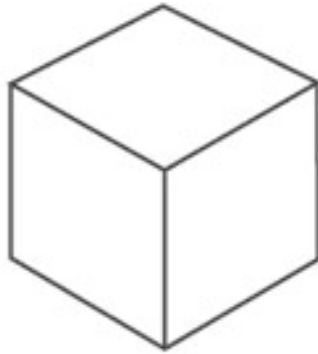
10.24 GEOMETRIC ENERGY GRIDS ON PLANETS

So with the sighting of Admiral Byrd, we can add the South Pole to the list of oddities. And as we shall see in the next chapter, a researcher by the name of Ivan P. Sanderson conducted rigorous research that led him to discover that there were twelve areas like the Bermuda Triangle spread across the Earth's surface that displayed similar anomalies, all evenly spaced from each other. Obviously the Devil's Sea is one of these areas as well. We will see that when we connect these twelve points together, they will form a geometric structure known as an "icosahedron," and this will be a very important point for us to understand.

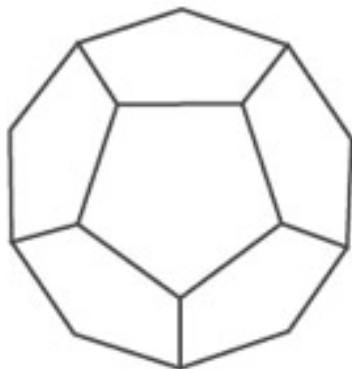




STAR TETRAHEDRON
CUBE



OCTAHEDRON



ISOCAHEDRON



DODECAHEDRON

The icosahedron is one of the five most basic geometric shapes known to exist, and their collective name is the "Platonic Solids:" the octahedron, tetrahedron, cube, dodecahedron and icosahedron. For every one of these shapes, every line, face and angle between lines is identical to every other; they possess remarkable harmony, symmetry and balance. Furthermore, they all fit precisely inside of a sphere. And given how much we have been investigating spherical fields already, that should raise more than a few eyebrows in the audience.

If you suspect that these geometric structures are somehow related to the spherical-torus energy forms that we have referred to as 'consciousness units,' you're right! These geometric phenomena are perhaps the "biggest secret" of this entire new science. [Note: The tetrahedron that is pictured above is a "star tetrahedron" or "interlaced tetrahedron," meaning that there are actually two tetrahedra inside the sphere; one "up" and one "down."]

Ultimately we will show that these geometries emerge as a form of vibration that occurs inside such a "vacuum domain" or "consciousness unit." They are also very intimately connected with our knowledge and understanding of "higher dimensions," and help us to understand what they are, how they function and how they can be correctly identified and categorized.

10.25 RECAP

10.1 We begin this chapter with a discussion of the numerous, confirmed

disappearances of marine vessels and aircraft surrounding the Bermuda Triangle vortex. Some involve "ghost ships" where all human beings have disappeared.

10.2 A list of sixteen significant aircraft disappearances in this vortex is given.

10.3 A list of eighteen significant marine disappearances are given.

10.4 We learn that luminosity and rotating, high-powered magnetic fields are a standard quality of the Bermuda Triangle vortex when active.

10.5 Chuck Wakeley passed through a luminous vortex and in this area and survived. Standard "vacuum domain" behaviors were seen including the bleed-off of all electromagnetic energy. The light became blindingly brilliant inside his plane. Whether other effects such as time anomalies occurred is unknown.

10.6 One case in the vortex confirmed a ten-minute loss of time for all chronometers on an airplane, which also disappeared from radar view for ten minutes.

10.7 Jerry Decker's compilation on various vortex shifts of time and dimension suggests that these warping effects can be duplicated in laboratory settings.

10.7.1 Several examples are given of prehistoric creatures that have apparently warped through to the present, known as "tulpoids." They include the brontosaurus, plesiosaurus, coelocanth and large exotic insects once seen to fall on the Alps of Switzerland in a heavy storm. Perhaps the energy of a tornado opened up a space-time vortex to allow this "time-warp" to have taken place.

10.8 The theories of Dr. Alan Holt and the statements of Bob Lazar regarding the principles of creating "warp travel" with technology suggest that such a system may eventually become commonplace for humanity to use.

10.9 The alleged disappearance of Mike Marcum suggests that he was able to duplicate the results of the "Philadelphia Experiment" with high-powered electromagnets, leading to his own disappearance.

10.10 The work of Russian scientist Dr. Vadim Chernobrov demonstrated "spheres within spheres" of energy that were formed around an electromagnetic / aetheric propulsion device that he designed, as we have expected from Roschin and Godin's replication of The Searl Effect. In the energetic area around the machine, Chernobrov could measure a noticeable difference in the passage of time.

10.11 Another tragic possibility of experimenting with these phenomena is shared in the story of a man who built a high-powered electromagnetic device on a motorcycle frame. A co-worker tried the machine, was seen to almost completely disappear from view and was then suddenly brought back, at which time he had become insane, as was also seen in some of the Philadelphia Experiment participants.

10.12 Sometimes the Bermuda Triangle produces deadly explosions of objects

inside of itself. Bob Brush, a commercial airline captain, witnessed a Constellation aircraft explode mysteriously in the Bahamas near Great Inagua, in October 1971.

10.13 Wilbert Smith discovered evidence of vortex activity in Lake Ontario, Canada through Project Magnet, conducted in 1950 on behalf of the Canadian National Research Council and the U.S. Navy. The project was soon classified.

10.14 Nineteenth-century psychic DD Home was witnessed and verified from 1820 to 1850 as performing feats of bodily levitation and telekinesis by noted scientists, world dignitaries and many of the ruling heads of Europe. He lived in the same Lake Ontario vortex area discovered by Smith, thus suggesting that these vortices can amplify the effects of consciousness.

10.15 Edward Leedskalnin also may have harnessed "vortex" energy with his own psychic consciousness in order to levitate and move heavy blocks, forming his well-known "Coral Castle" in Homestead, Florida. Eyewitness reports claim that he simply held his hands out above the blocks and they would move.

10.16 Walter Rawls placed a large cylindrical magnet over his third eye with a mask to hold it in place, and over time he allegedly began perceiving an alternate reality that somehow existed around him, complete with human inhabitants.

10.17 Two different cases are cited where a time-warp event may have been confirmed from both sides; the warping of a man in New York City from 1890 to 1950, and the encounter of a jet and biplane that seems to have been recorded both in the past when it happened for the biplane, and in the present with the jet pilot.

10.18 The idea of human beings having multiple energy bodies is suggested.

10.19 The Carlos Castenada series, inspired by a shaman named Kachora, discusses the art of seeing aetheric energy fields and traveling out of body, with the goal of eventually being able to project a "double" and / or transport the body to a remote location. If the environment in an OBE state can be stabilized so that it does not change form, the possibility is raised that at least an energetic form of yourself will appear in that location, and possibly your entire body with enough practice.

10.20 Eckankar founder Paul Twitchell also is said to have had the ability to project a double of himself at will, and allegedly used his OBE techniques to gain psychic information for his clients.

10.21 We then introduce the concept of "dark portals" that can exist as space-time vortices instead of bright, luminous areas. Lt. Col. Tom Bearden produced this phenomenon in the laboratory. Two cases from the Bermuda Triangle show that the vortex had a powerful gravitational effect that seemed to form an impenetrable sphere of energy around the area. In both cases it seems that a natural self-luminous formation was drawn up from the Earth's interior to relieve the "stress" of the vortex, allowing it to disappear along with all of its anomalous effects.

10.22 Walter Russell created a spherical energy field between two electromagnetic cones, and when he pulled them apart the sphere would bulge at its equator and then form a ring, like the planet Saturn. Peter Kelly, a friend of Decker's, was able to duplicate this in his laboratory, and it caused widespread nausea and abrupt weather anomalies over the area, which stopped when he cut the power.

10.23 The Devil's Triangle off of Japan and the rotational South Pole both show the same space-time anomalies as the Bermuda Triangle, suggesting an integrated vortex system that is somehow at work throughout the Earth.

10.24 The work of Ivan P. Sanderson shows that there are twelve such "vile vortices" on the Earth, all of which are evenly spaced from each other. By connecting these points together we form the shape known as an "icosahedron." We suggest that this is one of five Platonic Solids that are the key to understanding this new physics, as they are formed by the effects of vibration.

CHAPTER 11: PROPERTIES OF THE EARTH AS A CONSCIOUSNESS UNIT

CHAPTER 11: PROPERTIES OF THE EARTH AS A "CONSCIOUSNESS UNIT"

11.1 MATTER IS NOT AS WAS THOUGHT

With the data that we have reviewed in this book in hand, the proof for the existence of an "aether" medium throughout free space is essentially irrefutable. The new view of inertia and gravity as seen in Dr. DePalma's "Spinning Ball Drop" experiment and other related designs supports this concept, and these principles have been actively used to create anti-gravity and free energy. And, Prof. Shnoll's findings, which were mentioned in Chapter Three, completely change our ideas about the nature of the atoms and molecules that are at the root of matter itself. Shnoll showed that somehow, molecules are very intimately connected with their surroundings, showing perfect synchronization of their reaction rates with planetary and celestial movements. This lends credence to the notion of the universe existing as an Ultimate Conscious Being.

Such an "information transfer" process between atoms and molecules leaves the door wide open for many other "action-at-a-distance" phenomena such as the Backster effect, as seen between many different forms of life including plants, bacteria and human cells, and forces us to seriously re-evaluate our current ideas of quantum mechanics. In this book we will propose a new solution to the quantum physics puzzle that is based entirely on electromagnetic fields; and the fundamental, underlying structure that they maintain when emerging from the aether into a "pure" and balanced form is that known as the spherical torus. Evidence already exists that aetheric energy naturally assumes this formation in different sizes, which we will now review.

11.2 REVIEW OF VORTEX ANOMALIES OF SPACE

The spherical torus is different than a sphere, in the sense that it has an axis of rotation that runs through its center. This formation allows it to rotate horizontally while also flowing vertically with vortexual motion at the same time. Many different researchers have studied the properties of energy in this form and come up with fascinating results. We have numerous pieces of evidence from Dr. Dmitriev that show that these formations are far more than the occasional, anomalous "ball lightning" phenomenon: they are constantly being released by the Sun, interacting in and around the Earth and solar system, and striking our ionosphere 30 times a second. They appear to have been encountered and photographed on numerous NASA missions, especially on STS-75, which conducted the "Tethered Satellite" experiment. Under certain circumstances that usually involve high-speed rotation, they can take up "polarized" forms that will absorb aetheric energy in its gravitational form and transform it into electromagnetic energy and light. There are a number of documented cases of large-scale "natural self-luminous formations" that have either levitated objects or made them far heavier, much to the surprise of the observers, and the tornado phenomena has an impressive number of anomalies that support this new model.

Researchers such as Professor John Searl, Drs. Roschin and Godin and Austrian scientist Viktor Schauburger have all been able to create the necessary vortexual motion that is required to harness the forces of anti-gravity and free energy; and we know that in the case of Searl and Roschin / Godin, the liberated energy actually became visible to the eye as a luminous spherical torus. Furthermore, in the Roschin / Godin study, we learned that a series of "spheres within spheres" of decreased temperature and heightened magnetism was formed around their machine while it was running, suggesting that the creation of the central field in the machine has a rippling, fluidlike effect on the aetheric energy surrounding it. This was also seen in Dr. Vadim Chernobrov's study of electromagnetic propulsion devices where he described "nested spherical envelopes" in a form that he labeled as being similar to "matrioshka," which are the Russian toy dolls where many are nested inside of each other. We also should remember that Chernobrov detected minute changes in the passage of time in these experiments. And in Dmitriev's data on tornadoes, we can see similar "nested spherical energy fields" occurring with the one or more rotating spherical "cascades" that have been seen to surround a funnel cloud.

In the cases of tornadoes and natural Earth energy upwellings such as the Oregon Vortex and the infamous Bermuda Triangle, we see that these formations are not only changing gravity, but they are also releasing huge amounts of visible electromagnetic energy and actually changing the state of physical matter. In the Oregon Vortex we can have people's height clearly change depending on where they stand, and in a tornado there are numerous scientific observations of matter entering into a permeable state where it can "fuse" together with other matter, such that a flimsy stick of pine wood can penetrate a 1.5-inch thick gate made of solid iron. In the case of the Bermuda Triangle, it appears that some of the matter goes beyond this apparent "blending" threshold completely and thus disappears from our reality; giant ships such as the USS Cyclops have vanished without a trace of wreckage or flotsam despite intensive searches. In other cases there appears to be an effect that causes human beings to selectively move out of our reality, without dematerializing the craft that they are in. This obviously calls for new physics theories in order to be properly explained, or else our collective ignorance of these natural principles will continue.

11.3 "ICOSAHEDRON" ANOMALIES OF SPACE AND TIME

Up until the last chapter, we had primarily focused on how the effects of the "consciousness unit" could be seen in matter and in space. And as we looked more deeply into the properties of these units, it was revealed that they appear to be inter-dimensional structures as well. Matter can be seen to disappear altogether into some unseen "n-space," and the rate of time's passage can be completely changed. As we discussed, within the Oregon Vortex the passage of time is measured as being altered by a quarter-second. And in Berlitz's book *The Bermuda Triangle*, we have already mentioned the report of a National Airlines 727 passenger plane which "disappeared" from the radar screen for ten minutes while flying into the Miami airport. When they reappeared they had no idea that anything unusual had happened. After they landed and were informed of what had occurred, they checked all their watches and time indicators and found that they were uniformly ten minutes slower than the real time that had been recorded by everyone else; it was as if they simply did not exist in our own plane of space and time for those ten

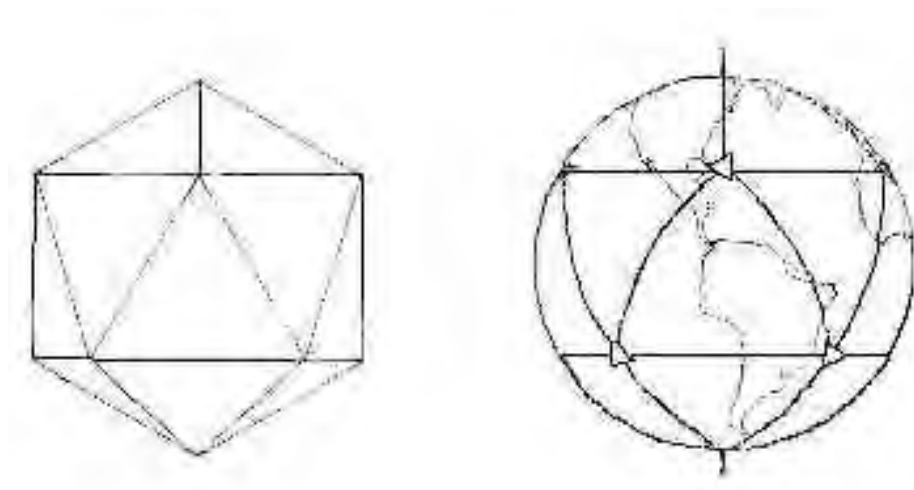
minutes.

At this point it is wise for us to remember that the core premise of this book is that:

All space, all time and all "dimensional levels" are simply different forms of one unified vibrating aetheric energy source, which is truly the energy body of an Ultimate Being.

The state of matter is obviously affected directly by aetheric energies, and under certain conditions such as those found in a tornado, where there is high rotation and high electromagnetic activity, matter can be seen to make dramatic changes. So again, what we should ultimately expect to see in our studies is that different states of matter, different "dimensions" and different rates for the passage of time are all dependent upon one thing, and one thing only: the speed at which the aether is vibrating in that area.

Since the basic structure of the "consciousness unit" is a sphere, it seems worthwhile to study the sphere of the Earth in order to try to understand more about how these higher-vibrational aetheric energies are able to "bleed through" and interface with our own space-time. In Ivan Sanderson's article "The Twelve Devil's Graveyards Around the World" that was published in Saga magazine in 1972, we have learned that there are twelve different areas where these types of changes in space and time have occurred throughout the Earth, and they are all symmetrically spaced from each other. This obviously makes the strong suggestion that a heretofore-unknown energetic field is at work. As we mentioned in the last chapter and in greater detail in *The Shift of the Ages*, when we connect these twelve points together we get the basic three-dimensional geometric solid known as the icosahedron, which is roughly sphere-shaped and has twenty different faces. Each face of the icosahedron is a perfect equilateral triangle where every internal angle is 60 degrees. Within a sphere such as the Earth, the points of the icosahedron are located between 30 and 40 degrees latitude above and below the equator. Each point is spaced at 72-degree intervals from the neighboring points, and except for the two at the poles, their exact geometric center is at 36 degrees North or South latitude. All together, there are five points in the Northern Hemisphere, five in the Southern Hemisphere and two at the poles.



We have already seen that a "polarized consciousness unit" energy formation would not work

as an energy field to sustain the Earth; if all the aetheric energy was flowing, say, in the north pole and out the south pole, then the Earth would be like a tornado and matter would never be able to hold together and avoid annihilation. Somehow, the consciousness-unit must be able to spread the energy out in a much more even fashion throughout its spherical surface in order to avoid this problem. So, it could well be that these twelve vortices are somehow relieving the “pressure” of the higher-density aetheric energy fields, and allowing this higher-density energy to temporarily bleed through to our own space and time. In Berlitz’ book we are given a greater description of the properties of these areas, both in terms of Earth’s physical processes as well as the electromagnetic time-warp anomalies:

These areas... represent the nodal points where the surface ocean currents turn one way and the subsurface currents turn in another direction. The great subsurface tidal currents sweeping tangentially, and influenced by different temperatures, set up magnetic vortices, affecting radio communication, magnetism – perhaps even gravity – and eventually, in special conditions, causing air and surface craft to vanish – sailing or flying off into a different point in time and space. An interesting sidelight on the erratic behavior of these areas is underlined by Sanderson in describing the astonishing “early arrivals” of carefully clocked-in air flights where planes have arrived so far ahead of schedule that the only possible explanation would be that they had a tidal wind behind them blowing, for example, at 500 miles per hour. [Note: Let’s remember that this kind of wind speed is usually only seen in the worst hurricanes.] Such incidents may be the result of unrecorded winds but they seem to occur most frequently within the Bermuda Triangle and other vortex areas, as if these particular planes had encountered the anomaly but had skirted or been propelled safely through the “hole in the sky” that had cost so many travelers their lives.

In the article “The Planetary Grid: A New Synthesis” by Drs. William Becker and Bethe Hagens, featured in the book *Anti-Gravity and the World Grid*, we have a time-based anomaly reported at the Hawaii vortex of the icosahedron where an hour or more was spent in a time-warp zone. This anomalous event was already mentioned in *The Shift of the Ages*:

A pilot flying with passengers near the Hawaii zone [of the icosahedron of energy points on the Earth] suddenly found himself in a “dead zone” without [the use of his electromagnetic] instruments and unable to communicate beyond the cockpit. After flying some 350 miles, [which most likely took an hour or more,] the “phenomenon” lifted and the pilot found that tower officials could find no measurable time that had elapsed between the beginning of his “dead zone” experience and its end.

So, it would appear that on the Earth, these twelve points of the icosahedron are crucial to our understanding of the energetic phenomena that are at work. Somehow, changes in time are also occurring along with changes in space at these points; it seems possible for a person to phase out of our known “three-space” reality entirely and merge into a “higher dimension,” if you will, for a short time before returning, and in other cases they do not return even though their ship does. However, in cases where the energy is even stronger, then the entire ship or aircraft simply makes a complete transition into some other time and space.

As previously stated, the case of Charles Wakeley in the last chapter is probably the best example of someone passing very close to, or perhaps through the "threshold" point without getting lost in it; we remember that his entire plane ended up glowing with blindingly white light that seemed to come "from everywhere at once" before the effect wore off and he could again gain control of the aircraft. It is very likely that the tremendous light that he saw around himself would not have been visible to those on the ground; it was a visual consequence of his own body moving into a more energetic area. To an outside observer there would be no change, as his body moves into an area of higher-vibrational energy that is outside of the time and space that the ground-based observer would see. If he did not return, his plane would simply disappear from view, and if he did return then nothing would appear to have happened to an outside observer; they would only see his plane as a seamless continuity.

In Richard Pasichnyk's website at <http://www.livingcosmos.com/earth.htm>, we see the result of a far more rigorous scientific investigation into these same twelve vortex areas, providing us with new information that we had not yet located when writing *The Shift of the Ages*. Pasichnyk's concepts are known overall as the "Field-dynamical model," and he too has concluded that similar forms of spherical energy fields are being seen at every level of complexity in the Cosmos, from quantum to universal. His concepts include the idea that these fields act as "particle accelerators." This idea will not be covered very much in this book, since nuclear reactions seem to be only one part of the aetheric puzzle, but we have included them here so as not to disrupt the continuity of the writing. He suggests that the energy between the points on the sphere forms a curving S-shape, indicating the path of spiraling vortex movement, which we will discuss later. For our purposes here, we will break down Pasichnyk's statements into a list:

The Fields (time-varying particle accelerators), which are situated just above the bulge along the equator at about the 30 to 40-degree latitudes in both hemispheres and also the poles, are associated with other phenomena. Each forms a sinusoidal or S-shaped relationship to another Field. Each is on the exact opposite end of the Earth from another, so that if a rod were put in one and through the center of the Earth, it would come out in the middle of another Field.

- 1 Terrestrial electricity spirals, strange sounds, and magnetic and gravity anomalies occur in each [area.]
- 2 The deepest parts of the ocean floor [are at these points.]
- 3 [The] ocean current patterns [flow around these points.] [And we know from Sanderson's data that this is a counter-rotational movement.]
- 4 Strong storms deep on the ocean floor [are seen at these points.]
- 5 Some of the highest values of ocean surface salinity [are seen at these points.]
- 6 The most plentiful locations for bursting bubbles, producing stronger atmospheric charge and other associations [are seen at these points.]
- 7 These same areas are high and low pressure systems in weather and storm centers.
- 8 Spiraling gaseous nebulae have been observed from space centering in each Field.
- 9 The Earth's surface layer (lithosphere) and the physical aspects of plate tectonics (subduction zones, plate boundaries, rises, rifts, stress patterns, earthquake-wave anomalies, etc.) are related to the Fields' locations

(further discussion is in section 3.4). [Note: This information regarding the "Global Grid" is well covered in *The Shift of the Ages*, discussing how the Grid is responsible for the structure and placement of the continents on the Earth.]

10

Lighted displays (ionized particles) and dark masses (neutrons) have been observed repeatedly.

11

Patterns and changes in the upper atmosphere, radiation belts, and the magnetosphere show relationships to the Fields.

12

Eels, iron-precipitating bacteria, and electric fishes are geographically located in these areas.

13

More than 70 percent of all life on Earth is situated in relation to the Fields (between the 40-degree latitudes), which is ideal for the generation of electrical energy by life.

We can clearly see that this is a wide-open frontier of science that is almost totally unexplored in the present, and Pasichnyk's book *The Vital Vastness* will have over 5000 references once published in summer 2001; every statement made in the above list is rigorously documented. There is no doubt that these fields are a very fundamental aspect of the Earth's functioning on all layers; the structure of the continents themselves, the oceans, the weather processes in the atmosphere, auroras in the ionosphere and life itself all clusters at these locations. More importantly, these fields appear to be a fundamental property of the "consciousness unit" as well. Pasichnyk's list only hints at the possibility of time-related anomalies at these points, but in this book it will be very important for us to explore them.

11.4 COUNTER-ROTATIONAL VORTEX MOVEMENT

Sanderson's original research did indicate that at these powerful geometric node points on the Earth, the surface ocean currents turn one way and the subsurface currents turn in another direction. And of course, such counter-rotational movement seems to be what is responsible for the formation of a tornado in the atmosphere, at least as far as it is understood in the conventional Brooks theory. We have already made the strong suggestion that tornadoes, vortexes and other phenomena are only possible because of rotations in the Earth's atmospheric layer combining with rotations in the Earth's mantle. We know that this uniform system of rotation is holding true in the oceans as well, and therefore appears to be truly occurring throughout all the layers of the Earth. So, it may well be that at least on the Earth, the counter-rotating movement that we are seeing in the oceans at these twelve vortex points is also duplicated in the mantle by counter-rotating areas of hot liquid magma.

However, if this is so, should it simply stop in the magma? Have we yet understood exactly what is causing all this energetic movement? We still haven't answered the question of why this rather complex "icosahedron"

shape with counter-rotating vortexes would exist in the Earth, or anywhere else for that matter. If this shape is so important, showing us the location of interdimensional gateways, then what have our scientists missed in trying to understand this?

11.5 EARTH AS "CONSCIOUSNESS UNIT"

With the work of Richard Pasichnyk the case for the Earth being a "consciousness unit" in its own right is truly made complete. Briefly, let's remember the Texas tornado sighting in 1951 that was mentioned by Dr. Dmitriev. In the center, a brilliant cloud of light was seen; and this is but one of a variety of findings that we have covered, which show us that at the center of a spherical "consciousness unit" energy field, pure aetheric energy will be seen as a form of brilliant glowing magnetism, just as Schappeller was able to create with his rotating spherical device. Up until now, we have erroneously assumed that the Earth had a solid core of iron, and Pasichnyk's data poses a serious challenge to this argument. Just as Schappeller, Nordberg and many others have believed, it appears that:

The core of the Earth is truly made of "glowing magnetism," "undifferentiated solar matter" or "precipitated" aetheric energy, which we have called Loving, Conscious Light.

The heart of Mother Earth, then, is composed of pure Light / Love aetheric energy, and as we move further from the center, the energy cools and forms into matter as is now seen. The push-pull of gravity and levity continually supports the molecular structures inside the Earth, as well as actively creating new matter. All the basic flow properties of the "consciousness unit" apply as well, including the north-south vortex movements at the axis. Furthermore, it turns out that almost every planet in the Solar System shows key signs of these same fields. For the purposes of keeping this book brief, we can only just begin to cover some of Pasichnyk's vast amount of data, but here we will try to outline some of the most significant highlights.

11.6 INACCURACIES OF THE DYNAMO MODEL

The simple fact that we must remember is that our scientists do not understand how magnetism is formed. If we have a solid, tangible bar magnet in front of us, then they know that magnetism will flow through it, and that the magnetism is half of the electromagnetic wave. However, we must remember that the idea of magnetism forming by itself as a glowing ball, without the use of a metal to conduct it, is simply not seen. Most likely, the reason for this is simply lack of information and theoretical knowledge. In this respect, Dr. Dmitriev's research, as well as Schappeller, Nordberg, Searl and many others, has given us a valuable new understanding:

Magnetism may form a spherical-torus "standing wave" without needing to move through any other materials.

At the center of this wave there will be an intense source of light and energy.

Since the idea of a free-standing magnetic wave is not currently conceived of, it is believed that the Earth's center must have a core of iron and nickel in order to conduct the electromagnetic energy. Based on this logic, the idea of a

“dynamo” is used to explain how the Earth is able to maintain a magnetic field under this system. Simply put, a dynamo is a mechanical device that looks like a disc or the two hands of a clock, with two parts that counter-rotate at two different speeds. When an electromagnetic field is introduced to the dynamo machine, its counter-rotational movement can cause those fields to be strengthened and reinforced. It is believed that the Earth works the same way at its core, through processes of rotation. However, Pasichnyk points out that the dynamo, in and of itself, cannot create a magnetic field; it can only reinforce a field that was already introduced to it. The “dynamo” theory does nothing to explain where the original magnetic field came from. Furthermore, the Earth’s core does not have the disc shape that is required for a dynamo to form; the effect is believed to occur solely by the difference in movement between the Earth’s core and the other layers.

11.7 EARTHQUAKE WAVES CHALLENGE DYNAMO MODEL

How do we “know” what the interior of the Earth looks like if we haven’t directly observed it? Obviously, no one has ever actually “drilled a hole to China;” the farthest down into the Earth’s surface that we have ever drilled is approximately twelve miles. The answer is that we have no direct proof; we only have indirect methods of measurement.

Most of what we know comes from studying earthquakes. Each time that an earthquake occurs, its vibrations pass through the Earth, and various stations all over the world can then measure the result. As any geology student knows, our earthquake studies have revealed that there are two main types of waves, known as “P-waves” and “S-waves:”

- 1 P-waves. The “P” stands for “primary” and also stands for “push-pull.” These waves essentially move in a straight line, pushing and pulling forward and backward as they move ahead. There is no sideways movement in these waves.
- 2 S-waves. The “S” stands for “secondary” and also for “shake,” and these waves move side-to-side as they travel but do not have the forward-backward movement of the P waves. Thus they are distinctly different in form than the P-waves.

As these two types of waves encounter different materials in the Earth’s surface, they change both their speed and direction. From this data our scientists have determined that there are three main divisions inside of the Earth:

- 1 The outer crust, extending down approximately 32 kilometers or 20 miles.
- 2 The mantle, extending down to 2,900 kilometers or about 1,800 miles, and lastly
- 3 The core, comprising the remaining distance in the center.

The mantle is believed to be a super-compressed liquid that behaves like a solid, and the core is believed to be a complete solid. This conclusion comes from simulated laboratory studies of P-waves and S-waves, which have suggested that:

S-waves are not capable of moving through solid objects, unlike P-waves. S-waves do not move through the Earth’s core. Therefore the Earth’s core must be solid.

However, the S-waves also could not pass through the Earth's core if it were composed of purely energetic plasma material such as the "glowing magnetism" seen in the Sun.

So, the idea that the Earth has a core of "glowing magnetism" is simply a different way of analyzing the data, and it explains many things that the current accepted model does not.

11.8 ENERGY FLOW THROUGH EARTH'S POLES

The main problem for conventional scientists with the idea that the Earth could have a form of luminous energy in its core is that the energy does not appear to have any means of being replenished; it would appear that it should "burn out" quickly. However, in Pasichnyk's model he points out that the energy from the solar wind appears to be entering and exiting the poles and thus renewing the energy in the core. Though this might seem impossible to many, now that we have studied Dr. Dmitriev's first property of "vacuum domains," where the energy of "vacuum domains" can penetrate solid matter, it is just as we would expect. One recent observation of earthquake waves that supports this idea is the fact that:

Earthquake waves will travel faster when moving from north to south than they will when traveling from east to west.

And of course, we already expect that the rotational axis of a "consciousness unit" would have the greatest degree of vortex movement. With the earthquake waves traveling at a faster rate from north to south, we see exactly what we would expect in this model – a greater velocity of movement at the central axis of the spherical torus, as the aetheric energy streams in.

11.9 OTHER EARTH ANOMALIES THAT SUPPORT THE NEW MODEL

- 1 Auroral activity associated with magnetism and solar activity. The aurora is a luminous energy formation usually seen over the poles. It increases with solar activity and varies in direct proportion with the Earth's magnetic field. This solar-magnetic link suggests that the aurora shows us where the plasma energy from the solar wind is being accelerated into the Earth's energetic interior, through the spiraling vortexual motion of the CU. Normally the aurora is not seen as interacting with the inside of the Earth in any form, and certainly should not be powerful enough to affect an alleged dynamo action of the core. And yet, the magnetic anomalies are there for anyone to measure.
- 2 Curtain-shaped auroras at the poles. From studying the formations of the aurora, we also know that a curtain-shaped, sheet-like beam of energetic electrons is spiraling down into the polar regions at a high level of intensity. This forms a helix-shaped vortex of electrons and protons, like a super-elongated funnel. As Pasichnyk explains, "[this funnel vortex] produces the magnetic field as would the wire wrapped around an electric magnet or the antenna in a radio; only here there is no wire. Consequently, there would be no need for an iron-nickel core, complex fluid motions, or for that matter, a dynamo theory to explain the geomagnetic field."
- 3 Earth's core is too hot for metallic magnetism. If the Earth's inner core was truly composed of iron and nickel, then we know from the research into magnetism that above a certain temperature in these metals known as the Curie point, they will no longer maintain their magnetic field. However, the

temperatures inside the Earth rise very quickly as we drill down, and if we continue this smooth increase by extrapolation, then at only 100 kilometers or 62 miles, the temperatures would be too high for metals to conduct a magnetic field.

- 4 Eclipse anomalies of magnetism. During an eclipse, the earth's magnetic fields are weakened, and this effect is significant enough to confuse migrating birds. If the Earth's core was truly a solid dynamo of iron and nickel, then the amount of extra gravitational pull from the Sun and Moon coming together in the eclipse would be nowhere near strong enough to cause such dynamic changes. However, if the mass of the Moon was shielding off some of the energy from the Sun that the Earth's luminous core was normally absorbing through the poles, then this becomes much easier to understand.
- 5 Eclipse anomalies of gravity. Gravity has been shown to change during eclipses as well, through the use of pendulum studies, and this also is explainable in the new model; gravity, we remember, is caused by the aetheric energy streaming into the Earth. If you cut off the streaming energy by putting the Moon in front of the Sun, then you should expect gravitational changes.
- 6 Tilt of Earth's magnetic field. The Earth's magnetic field is tilted approximately eleven degrees away from the Earth's rotational axis; and again, this would create an inherent weakness that would not support the dynamo action as it is now believed to occur.
- 7 Changes of the length of the day with solar activity. When the Sun's activity increases, the speed of Earth's rotation changes. This means that the actual time that it takes for the Earth to rotate once on its axis, which is what we call a day, makes a measurable change in length. The dynamo model cannot account for this. However, if the solar energy that streams into Earth's spherical-torus field of glowing magnetism is actually responsible for the Earth's rotation, then it would make sense that the rotation would change slightly as the amount of instreaming energy changes; the entire CU would be affected.
- 8 Changes in magnetism with solar activity. As the Sun's activity reaches a peak, we have observed that there will be shifts in the direction and intensity of the magnetic fields. In a dynamo model, these changes in solar activity should not be strong enough to produce any noticeable effect on the inner rotating movements of the Earth.
- 9 Polar reversals, wanders and jerks. The Earth's magnetic field periodically reverses, as history shows. We know that the magnetic poles are currently drifting from true Rotational North and also tracing slow circular patterns known as "Chandler's Wobble." They can make sudden "jerks" as well, and such a jerk was seen and recorded in 1969. In polar reversals of the past, the traveling movement of the magnetic poles has been so rapid that it has gone more than 110 kilometers or 70 miles in a single day. Furthermore, the Earth's magnetic reversals occur in "corridors" that remain the same throughout time, showing the geometric effect of the fields at work. All of these phenomena are inexplicable by the dynamo model but easily seen in the Field-dynamical model.

10

Icosahedral magnetic anomalies. The Earth's energy field, as we have already mentioned, shows too many gravitational and magnetic discontinuities surrounding the icosahedron shape to be accounted for in the dynamo model. The Earth should have very smooth "spherical harmonics"

in the dynamo model, and we would not expect to see such sudden changes.

11

Gravity's role as a formative force. In the new model we can see that gravity is actually a push and pull between two forces that creates matter and energy at its center, in a similar fashion as seen in the sonoluminescence experiment. As we go deeper than 2,700 kilometers or 1,678 miles, the force is directed away from the center more than towards the center, showing this "breath of life" in effect. This also casts serious doubts on the dynamo model and opens us up for a new interpretation.

12

Plasma wind coming up from the Earth. NASA's Dynamics Explorer space probe determined that a plasma wind like that seen to emanate from the Sun was also coming up from the Earth at the poles. This shows us how the poles serve as both points of entry and exit for aetheric energy, and also demonstrate how the Earth's core has a Sun-like energetic structure. Truly, the streaming energy can be measured as flowing both ways.

As we can see, Pasichnyk's research is truly one-of-a-kind, and gives us valuable insight into the true energetic processes that are at work in the Earth. All twelve of the above points, as well as many other anomalies, clearly show us that the "consciousness unit" formation is at work in the Earth in every possible way. All of our expectations about vortex movement through the poles, a glowing core and magnetic fields are explained by the observations, whereas the current models do not explain these phenomena. Many anomalies, including the connection between aurora and magnetism and eclipses and magnetism, find straightforward explanations.

So, if the Earth is truly a gigantic "consciousness unit" whose outside has cooled off enough to form hard physical matter, then we can learn more about consciousness units by studying its energy patterns. When we add in the fact that geometrically-centered vortex areas are seen on the Earth, we become aware of the complex processes that actually occur within the CU when it is not directly "polarized" on the rotational axis. Aetheric energy of higher density seems to be flowing in and out of these points as the Earth moves in relationship to its surroundings. At certain times, such as during a solar eclipse, there can be noticeable changes in Earth's gravitational and magnetic fields, as some of the Sun's instreaming energy is shielded off from the Earth's core of glowing magnetism.

In the next chapter we will explore this question of how planetary geometry and consciousness units fit together more closely. However, there is still another area of Earth's behavior that we have not explored, which gives us a very important CU property that we must keep in mind:

The earth is expanding.

11.10 GLOBAL EXPANSION TECTONICS

Another major blow to the conventional models regarding Earth's internal structure can be found in the science of "Global Expansion Tectonics." This science was originally pioneered by Christopher Otto Hilgenberg in 1933, who

showed that that the continents on Earth can be seamlessly fitted together like a jigsaw puzzle if the Earth's size is reduced by 55 to 60 percent. In this scenario, as the continents move away from their original arrangement, they show clear signs of following spiraling, "radial" patterns. From this behavior, Hilgenberg concluded that an internal expansion of the Earth was actually responsible for the continents' movement. An article by James Maxlow that discusses this unforeseen concept with scientific rigor is located at http://www.millennigroup.com/repository/global/expanding_earth.html, again on the Millennium Group website.

This idea of Earth expanding has certainly not met with a great deal of respect from the mainstream scientific community, but it has grown in popularity in recent years. A major event in increasing the knowledge and publicity of this model occurred in 1981 at the Expanding Earth Symposium held in Sydney, Australia. And in July 1989, the Smithsonian Institution held a discussion meeting where numerous arguments were aired regarding new concepts in global tectonic models. However, it took the Internet for the model to catch on. As Maxlow writes,

These arguments [at the Smithsonian meeting] indicated that there seems to be something questionable with the plate tectonic theory as it is currently presented (Kremp, 1992,) and that present concepts of plate tectonics / continental drift / polar wandering may need to be re-evaluated, revised or rejected (Smiley, 1992.)

11.10.1 CURRENT UNDERSTANDINGS

As almost everyone is aware, the current theory of how our continents are arranged is known as "Plate Tectonics." A series of plates exist across the Earth's surface, it is believed, which underlie and support the continents. These plates interact and collide with each other, forming earthquake fault lines such as the San Andreas Fault in California and volcanic areas such as the Ring of Fire in the Pacific Ocean. Undersea ridges of volcanoes have continual eruptions, which release new lava that pushes these plates farther and farther apart from each other, primarily originating in the Atlantic Ocean region. Since the Earth is obviously not seen as expanding by these researchers, they now have to get rid of all the extra matter that pushed apart the continents. Therefore, they insist that there are "subduction zones" at the edges of continents where the spreading floors of lava from the undersea ridges are directed back down into the Earth's core.

Originally there is believed to have been one single mega-continent known as Pangaea, which was surrounded by the oceans, and then volcanic activity caused this continent to break up and begin drifting apart. As the undersea ranges of volcanoes continue erupting, they produce new lava deposits which in turn widen the distance between the continents and the ridges. Then, at the boundaries between the undersea areas and the continents themselves, this volcanic material is supposedly pushed back down into the Earth's mantle at the alleged "subduction zones," where it is melted and converted back into the molten material of the mantle once again. In this way, it is believed that the continual flow of lava, in fluid and solid forms, is responsible for pushing the continents apart without increasing the Earth's physical size in the process.

11.10.2 NO SUBDUCTION ZONES

Everything seems to make sense to the average college student, geologist and scientist at this point. The subduction zones are required in order for the Earth to have maintained its current size; every movement of expansion must be compensated for by a movement of subduction. Otherwise, the action that pushes South America and Africa away from each other, for example, would be an expansion of the Earth's surface. However, we now know that:

No definitive evidence for "subduction zones" has ever been found on Earth.

Furthermore,

The areas where subduction zones may exist are far fewer than the model requires.

Or, to put it more simply,

We can easily demonstrate the Earth's expansion with the observed data, but we have no means of proving that the alleged subduction is occurring at the same time.

11.10.3 INCOMPLETE CONCLUSIONS

Furthermore, as Maxlow writes in his excellent new study, the conclusions of the "plate tectonics" model were based on an incomplete set of data:

In presenting Global Expansion Tectonics it must be realized that the global, geological and geophysical database has only now reached the stage where any global tectonic hypotheses can be confidently quantified, challenged, and / or discarded.

11.10.4 REASONS FOR RESISTANCE

According to Maxlow and other sources that have written on "Global Expansion Tectonics," the reasons for why our mainstream scientific and geological community has not wanted to accept an Earth expansion theory are essentially twofold:

- 1 Matter is not "supposed to" be able to expand in our current quantum understandings.
- 2 There appears to be a lack of supportive evidence to accurately reproduce an Earth expansion process with mathematical models over time.

11.10.5 THE DATA IS NOW IN

However, as Maxlow so eloquently and technically explains in this paper, all the most recent, cutting-edge knowledge only supports the Earth Expansion theory. The model of "plate tectonics" was formed before all the facts were in. And now,

The mathematical equations derived from crustal data represent a confirmation and refinement of earlier modeling studies by Hilgenberg (1933) and Vogel (1983), enabling the kinematics [or movements] of an Earth undergoing an exponential expansion, from the Archean [period] to the present, to be readily determined.

Maxlow's calculations, using the most recent data to determine the growth of the ocean basins across time, project that the Earth should be expanding at approximately 21 millimeters per year in size. And if you ask a knowledgeable scientist or geologist, they will tell you that we do know that the Earth is indeed growing larger at a steady rate! This is normally assumed to be caused by dust particles and meteorites that stream into Earth's atmosphere, but in light of the new evidence this idea is highly unlikely to be accountable for the changes that we have observed:

- 1 Carey in 1986 used satellite laser ranging measurements to calculate that the Earth's radius was expanding by 24 millimeters per year, plus or minus eight millimeters.
- 2 Robaudo and Harrison in 1993 used VLBI and SLR geodetic measurements to conclude that the Earth was expanding at 18 millimeters per year.

So, we can see that the expansion of the Earth that has already been measured as occurring now fits in very nicely with Maxlow's mathematical calculations for Earth's expansion from within. The minute discrepancies in the numbers are expected when making such long-range calculations, but we also feel that there is evidence that the Earth makes sudden, spontaneous increases in size as well as the long-term, year-by-year expansion. This will be addressed later.

11.10.6 WHERE WERE THE OCEANS?

Our next obvious problem would be that if something like this were true, then every area that we now see as "ocean" did not exist at one time. The technical word for the Earth's entire layer of oceans is known as the "hydrosphere." So, if the idea of "Global Expansion Tectonics" is true, then where would the hydrosphere have been when the continents were united? There had to have been oceans of some kind if they would have formed in this manner as the Earth had increased. Maxlow explains that:

The original oceans were shallow areas that formed on the continents themselves, and as the Earth expanded in size, so too did the amount of atmosphere and water increase.

In later chapters we will give concrete evidence from Dr. Dmitriev that shows that:

Such spontaneous changes in atmosphere are indeed occurring right now throughout the Solar System at a measurable rate, not just on the Earth.

11.10.7 SUMMARY OF GLOBAL EXPANSION TECTONICS ARGUMENT

Maxlow summarizes his argument with the following points, which are phrased in highly technical language. It is not important for us to explain every detail of the following statements, so we ask the reader not to be frustrated in reading this excerpt; we include these points for those readers who are familiar with the data. As Maxlow indicates, Global Expansion Tectonics involves a number of interdependent and interactive processes, such that:

- Generation of post-Early Jurassic oceanic lithosphere along mid-oceanic spreading centers is commensurate with an expansion of the Earth;
- Mid-oceanic spreading centers are tensional and / or transtensional

regimes, [continually spreading new tension out from side to side,] with oceanic lithosphere generated in response to a separation of plate margins in sympathy with an expansion of the Earth;

- New oceanic lithosphere, generated along mid-oceanic spreading centers, is cumulative with time, with no requirement for removal of older lithosphere by subduction processes;
- The total surface area of oceanic lithosphere accumulated in a given time interval is a reflection of the increase in [Earth's] radius during that time interval, and is therefore a measurable quantity;
- [Ocean] basin development and orogenesis [new land emerging upward] are natural consequences of an expanding Earth, as continental and oceanic lithosphere re-equilibrate to a changing surface curvature, and;
- Hydrospheric and atmospheric accumulation has been increasing with time, in sympathy with an accumulation of the lithosphere.

From extensive modeling of the Earth's surface, Vogel's study in 1993 concluded that if you reduce the Earth's radius to 55 to 60 percent of its present size,

- 1 The continental outlines can be fitted together to form a closed crust;
- 2 The positions of the different continents with respect to each other remain generally constant, with their separation caused by a "radial expansion of the Earth" and;
- 3 The cause of the movements of continents resulted from an accelerating increase in radius with time, in accordance with sea-floor spreading.

Regarding these three points, he went on to say that:

An accordance of these three phenomena cannot be accidental, [but are due to] processes operating from within the interior of the Earth resulting in Earth expansion.

11.11 SPIRALING, GEOMETRIC EARTH EXPANSION

So, once again we have a "new" scientific discovery regarding Earth's internal processes that has not yet caught on with the mainstream; however, with the rise in popularity of the Internet, it is becoming far more well-known. All in all, with our idea of the Earth's core being a luminous form of energy, this expansion phenomena becomes much more sensible.

Furthermore, the idea of geometry again plays a factor here. We remember that all studies concluded that the continents expanded in a radial, or spiraling pattern. It is interesting to note here that in cartographic or map-related work conducted for the National Oceanic and Atmospheric Association, established government scientist Dr. Athelstan Spilhaus showed that these expansions occurred along geometric outlines. Although he performed his studies under the idea that the Earth was not increasing in physical size, his results are still very compelling. (Interestingly, Dr. Spilhaus was also interviewed in government attempts to "debunk" the Roswell incident, and the tape of his testimony was "mysteriously" wiped out afterwards.)

- 1 Tetrahedron: The original breakup of the Earth, from what is conventionally called the "continent" of Pangaea, occurred along equidistant lines that formed the outline of a tetrahedron, the continents then radiating away from their original center.
- 2 Cub-octahedron: The next major stage of continental separation occurred

along the combined shapes of the cube and octahedron. Again, we see the spiraling, "radial" expansion.

- 3 Icosa-dodecahedron: The current stage of continental expansion fits with the shape of the icosahedron and dodecahedron interspersed with each other. This stage was also reached by a spiraling, radial expansion.

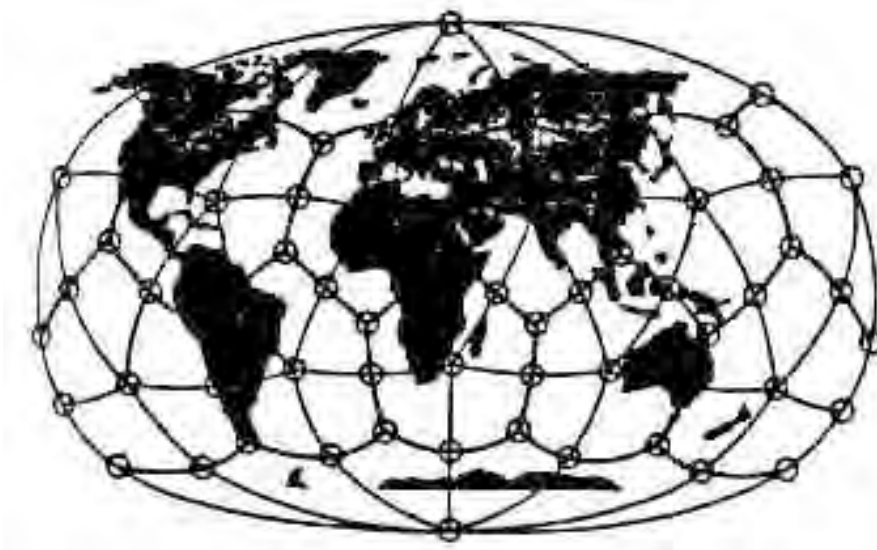
In the next image from the original NOAA paper, we can see Dr. Spilhaus' final stage of Earth's geometric expansion, which has led to it being the shape that we now have. The pentagonal face would be from the dodecahedron and the triangular faces would be from the icosahedron. Obviously the dotted lines represent undersea ridges and mountain ranges:



Dr. Spilhaus' final geometric expansion of Earth's continents, from NOAA paper.

11.11.1 THE ICOSA-DODECA GRID

In *The Shift of the Ages* we have shown how Sanderson's view of the Earth's energy vortexes as being only an icosahedron is in error; the study of Russian scientists Goncharov, Morozov and Makarov showed that if we combine an icosahedron and dodecahedron together on the Earth's surface, it is much easier to model the Earth's structure and lines of energetic force. This is what we see in the following map. It is important to remember here that a relatively similar formation was also seen in the study of Earth's expansion by Dr. Spilhaus as the most recent configuration:



Morozov and Makarov's icosadodecahedron grid.

Goncharov,

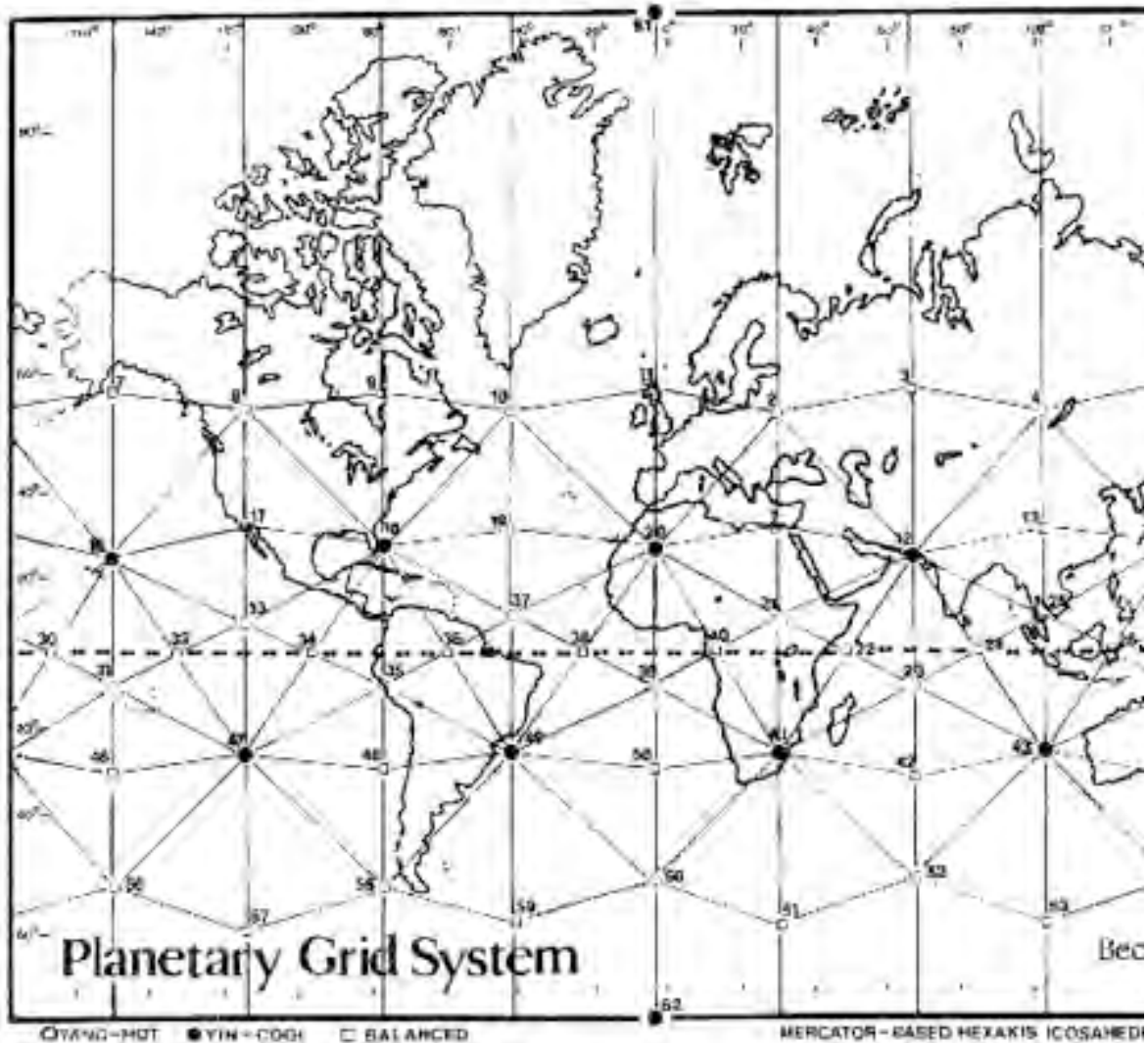
If we look closely, when we add the pentagon-faced dodecahedron shape into the picture we might see why Pasichnyk concluded that there were sinusoidal or S-shaped waves between the fields of the icosahedron. If you look at the area between North / South America and Europe / Africa, you can see that the dodecahedron models the exact placement of the Mid-Atlantic Ridge. Furthermore, you can see that it does indeed curve and weave around the triangular lines of the icosahedron like an S-shape, crossing over at the midpoints of each line in the triangle.

In short, when we add this dodecahedron shape into the picture, we get a much firmer model of the arrangement of the continents, and we also find that almost all ancient sites of stone buildings and ceremonial centers are located along these lines as well. The Grid is simply not complete without the additional geometry being considered, as we make clear in *The Shift of the Ages*.

11.11.2 THE BECKER-HAGENS GRID AND NEW DISCOVERIES

For those who are more interested in the details of how the Earth's grid structures the arrangement of the continents, and how ancient civilizations worked with the grid, we have covered this subject in *The Shift of the Ages*. In order that we keep this book short and not repeat very much material, many of our discoveries will be cross-referenced from this text only. Suffice it to say that Drs. William Becker and Bethe Hagens have created the ideal pattern for the Global Grid, which is very similar to the icosadodecahedron grid, only in this case they followed the work of Buckminster Fuller and superimposed two icosahedra over each other. Later we'll see why.

From this grid design, we can see that the current structure of continents, island chains, mountain ranges, oceanic ridges and much more all follow this pattern. By slowly and carefully studying this map, as we have documented in *The Shift of the Ages*, we can see that it looks as if the Earth itself is a flexible balloon that is surrounded by this grid. If the grid is akin to a set of wires, and the wires are exerting force on the balloon, then we can see how they are pushing the landmasses into their current formation.

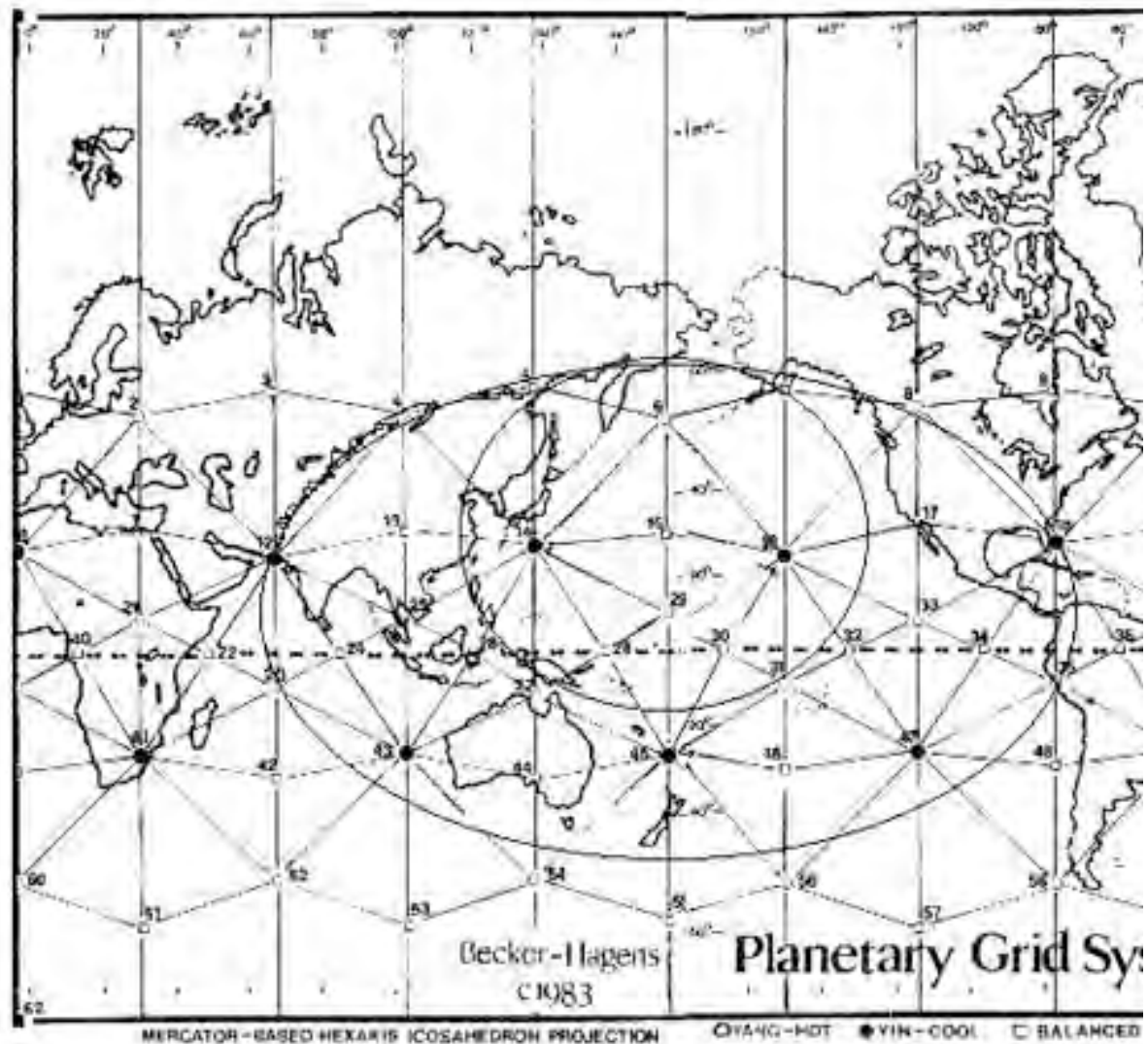


The Becker-Hagens Grid, inspired by the work of Chris Bird.

The South American and Australian continents, if studied individually in relation to the fields, clearly show how they have been affected by the Grid, as they are both fitted perfectly within the lines. The bottom of South America is pushed aside by node 58, whereas node 49 is clearly pushing in on the coast of Sao Paulo. Node 27 creates a circular area at the top of Australia, which appears to be perfectly "stretched out" between points 43 and 45 in a curving shape.

Some of the Earth's most important expansion movements can only be seen if we change this map so that it is focused on the Pacific Ocean. In the next image, we have shown how successive circle-shaped expansions of land can be observed in this area. One tremendously large, curving mountain range, which borders Asia and has no single name, shows the biggest circle most clearly. At the upper left corner of the larger ellipse, between points 12, 4 and 5, we have added in a crude set of lines to illustrate the smooth curve up through Pakistan and Afghanistan, the western edge of China, the border of Russia and Mongolia and then the border of Russia and northeast China, continuing right along until the ocean coastline. This mountain range can be easily seen on any topographic map, and by looking at the great circle that it defines, which we had not seen when writing *The Shift of the Ages*, the grid

connections are totally clear. The inner circle was already mentioned in Shift, and in both of these cases it is important to see how nicely they fit the points of the Grid as well as showing the structure of the continents themselves:

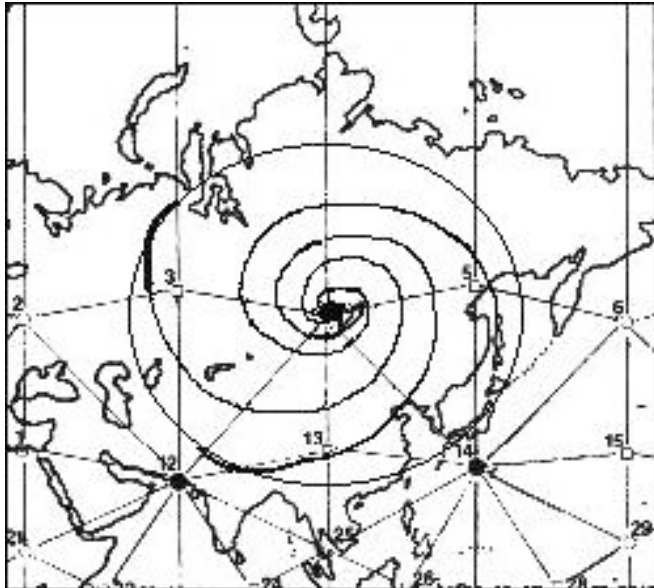


Wilcock's "Great Circle" Discoveries in Asia / Pacific Ocean area of Earth's Grid

Once we know what we are looking for, the other vortexes aren't hard to spot either. For example, we can see that on the lower left-hand side of the inner circle, a clear chain of islands is formed around the circle that includes Taiwan, the Philippines, New Guinea and the Solomon Islands; and these islands are most certainly being formed by undersea volcanic activity. Another obvious curving formation that is harmonized with the Grid but not indicated on either circle in this image can be seen immediately below and to the left of the first, and this is defined by the bottom peninsula of Myanmar (Burma,) Thailand and Malaysia, and most specifically the primary island chain of Indonesia.

Another discovery that we did not make until after The Shift of the Ages was published is seen in the next image. This concerns the mountain ranges on the Asian continent, specifically the Ural mountains in Russia, seen on the left hand side of the outer circle, the Himalayan mountains that cross through Pakistan, Kashmir, India, Nepal, Bhutan and Tibet, (which we have only shown

with a very thin line to emphasize the circular formation,) and the Japanese island archipelago. All three areas seem to show a spiraling formation that centers on point number four, which is the center of the Siberian magnetic anomalies that Dr. Dmitriev has obviously studied in great detail and formed conclusions from. Let us also remember that because we are seeing a map projection, the upper portion of the circle is obviously distorted somewhat, and in reality is hugging the upper Russian coastline far more directly than this image suggests:



Wilcock's spiraling "vortex" formation incorporating Ural Mountains, Himalayas and Japan

11.12 GEOMETRIC MODEL OF CONSCIOUSNESS UNIT

So, without a doubt the evidence is stacking up that the Earth is a giant "consciousness unit" as we have defined it, with aetheric energy streaming in and out through the poles and other vortex areas as well to support a glowing, luminous core. Both straight-lined and curving formations seem to be at work in this model. In the last chapter and the beginning of this chapter, we have made the clear suggestion that at these vortex areas, aetheric energy of a higher vibrational level is able to stream into our own reality and cause discrete changes in both space and time, affecting matter so completely that it may even disappear from us entirely.

We have clearly seen that geometry is at work in all of these processes, but we haven't yet explained exactly how or why. We know that as the Earth expands, Dr. Spilhaus has shown that it is affected by increasingly complex geometries. However, it should be clear to us that this geometry would not simply apply to a large-scale object like the Earth; it should equally apply to "consciousness units" of all sizes. And as we will propose and clearly show, this geometry is the natural product of vibration.

Before we define exactly how geometric vibration forms, though, we will begin our next chapter by looking into more recent data that has been gleaned from observations of apparent artifacts on the planet Mars, such as a mountain that appears to be carved into the form of a human face and pyramids situated nearby. According to controversial frontier researcher Richard Hoagland and his associates in The Enterprise Mission, the "formula" for another geometric

object known as a “tetrahedron” can be found in the mathematical relationships between the various formations seen in the Cydonia area. Some of this material will be repeated in a similar form as was seen in The Shift of the Ages. Then, we will proceed to illustrate how these same energetic and geometric phenomena are literally occurring on every planet throughout the entire Solar System.

11.13 RECAP

11.1 Matter is an entirely new “entity” in the model we propose in this book; Shnoll’s findings show its integration with the movements of the celestial bodies around it.

11.2 The vortex anomalies of the ‘Consciousness Unit’ show themselves in space and time as we have previously discussed, taking up the form of a luminous spherical torus.

11.3 All space, all time and all “dimensional levels” are simply different forms of one unified vibrating aetheric energy source. The icosahedral formation shows where a majority of these energy “pressures” are emerging on Earth. Sanderson and Pasichnyk’s work, when combined, shows how truly all-encompassing the connections are.

11.4 Counter-rotational vortex movement is seen at each point of the icosahedron-shaped energy field in the Earth.

11.5 When the facts are clearly shown, it certainly appears that the core of the Earth is actually made of “glowing magnetism,” “undifferentiated solar matter” or “precipitated” aetheric energy, which we have called Loving, Conscious Light.

11.6 The “dynamo” model for the generation of Earth’s magnetic field at the core has many obvious flaws. Most importantly, current scientists don’t realize that magnetism can take up the form of a spherical torus without having to pass through another material.

11.7 The behavior of the P-waves and S-waves that move through the Earth can be re-interpreted as passing through a core of luminous energy.

11.8 Energy is seen to flow in and out of the Earth’s polar regions. Furthermore, earthquake waves will travel faster when moving from north to south than they will when traveling from east to west, which also supports the idea that the spiraling, vortex movement of the CU is at work in the Earth.

11.9 Twelve different Earth anomalies support the new model: 1) auroral activity associated with magnetism and solar activity; 2) curtain-shaped auroras at the poles; 3) Earth’s core being too hot for metallic magnetism; 4) the eclipse anomalies of magnetism; 5) eclipse anomalies of gravity; 6) tilt of Earth’s magnetic field; 7) changes in the length of the day with solar activity; 8) changes in magnetism with solar activity; 9) polar wander, reversals and jerks; 10) icosahedral magnetic anomalies; 11) gravity’s role as a geometric, structural force; and 12) plasma wind coming up from the earth’s poles.

11.10 Christopher Otto Hilgenberg showed that that the continents on Earth

can be seamlessly fitted together like a jigsaw puzzle if the Earth's size is reduced by 55 to 60 percent. This suggests that the Earth is actually undergoing a continual rate of expansion.

1. The most popular scientific theory at present is known as "Plate Tectonics," which models the continents on an Earth that is unchanging in its physical size.

2. No definitive evidence of "subduction zones" has ever been found on Earth. We can easily model Earth's expansion, but not subduction.

3. The conclusions of the "plate tectonics" model were based on an incomplete set of data.

4. The mainstream scientific community rejects the new theory because matter is not "supposed to" expand and they feel that the data to prove this is incomplete.

5. Maxlow reveals that all the most recent, cutting-edge knowledge only supports the Earth Expansion theory further.

6. The original oceans were shallow areas that formed on the continents themselves, and as the Earth expanded in size, so too did the amount of atmosphere and water increase. Later we will see that according to Dr. Dmitriev's research, such spontaneous changes in atmosphere are indeed occurring right now throughout the Solar System at a measurable rate, not just on the Earth.

7. A summary statement of the arguments for Global Expansion Tectonics is given. Vogel suggests that "An accordance of these three phenomena cannot be accidental, [but are due to] processes operating from within the interior of the Earth resulting in Earth expansion."

11.11 Dr. Spilhaus has shown us that the Earth's radial, outward-spiraling continental expansions have flowered through a series of geometric forms; the tetrahedron, cub-octahedron and icosadodecahedron.

1. Goncharov, Morozov and Makarov's icosadodeca grid is a more inclusive means of mapping out the Earth's surface than just an icosahedron.

2. The Becker-Hagens grid is a further refinement on the design; Wilcock shares new discoveries of how this grid is associated with circular formations on the Earth's surface, as continent borders, island chains and mountain ranges.

11.12 By seeing the Earth as a giant "consciousness unit," the importance of geometry and vibration is made very clear. The next chapter will focus on the connection between the form of the tetrahedron and the Martian Monuments before going into a detailed description of the icosahedron-based Field-dynamical Model as seen in the planets.

CHAPTER 12: ET WISDOM: PLANETS AS CONSCIOUSNESS UNIT FORMATIONS

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12.1 HOAGLAND'S MARS

In 1976, frame 35A76 from the Viking Orbiter 1 satellite (seen in the second image below) showed a formation that strongly resembled a human face with what appeared to be some form of Egyptian-style headdress around it. Since that time, there has been a great deal of speculation and controversy surrounding the object, in an area of Mars named "Cydonia," with NASA failing to officially endorse it as anything but a natural formation whereas other researchers such as Richard Hoagland, Tom Van Flandern and Stan Mc Daniel have studied it in detail and concluded that it must be a product of intelligent design.

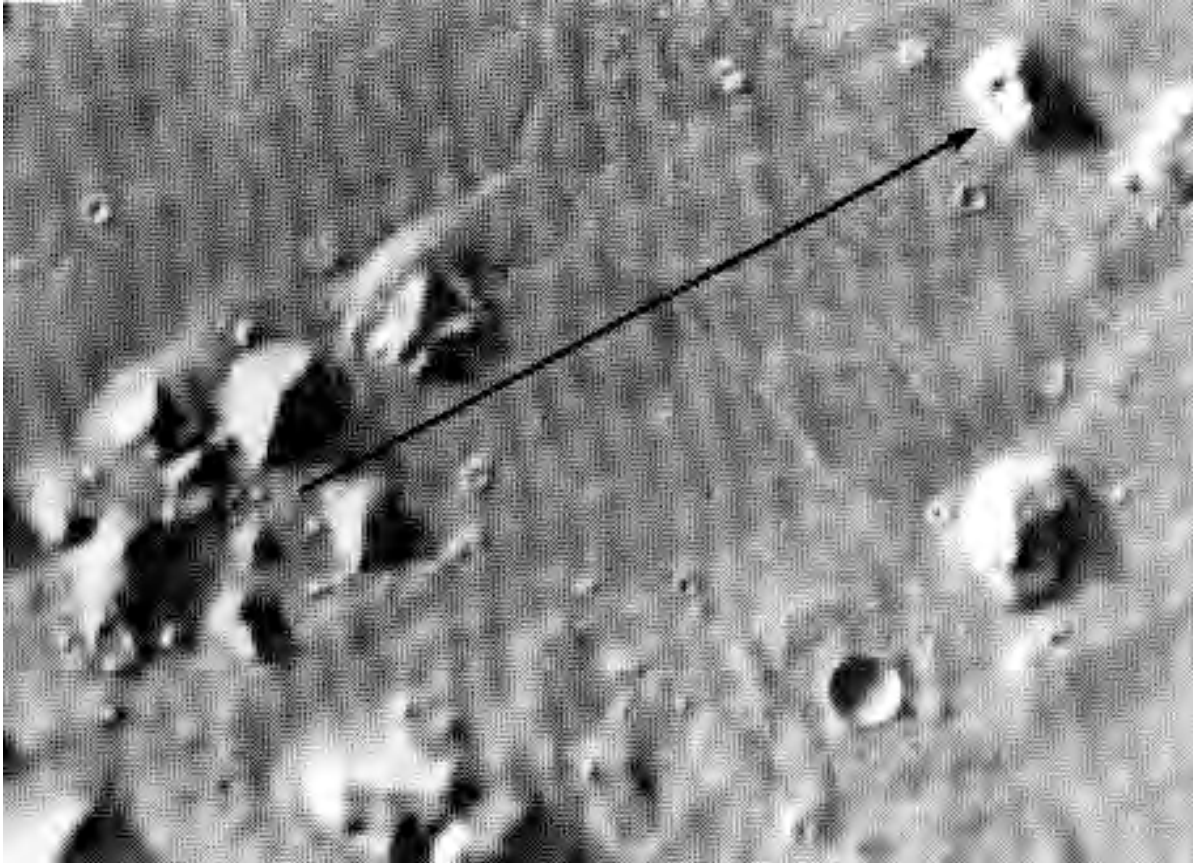
For our purposes in this chapter, we will focus on the work of Richard Hoagland. Through work with electrical engineer / digital image processor Vincent DiPietro and computer scientist Greg Molenaar, Hoagland's team was able to develop an early, accurate version of image enhancing software, which brought out details on the shadowed side of the photograph that would otherwise be impossible to see. These details made it clear that the Face possessed "bilateral symmetry," meaning that it looked the same on either side... it looked like a Face.

Later, frame 70A13 was discovered, which further unveiled the other side of the Face and additional details as well. What appeared to be a gigantic five-sided pyramidal object was situated a mere ten miles to the southwest of the Face structure. The structure is almost certainly artificial due to its striking five-sided symmetry, straight lines and rounded "buttresses" at the corners that appear to have been used to help support the artificial structure itself.



The "D&M Pyramid" from Viking frame 70A13.

Furthermore, in an area approximately ten miles due west of the Face, a host of other roughly pyramid-shaped mounds were gathered closely together, and hence the whole area was named "The City." One object in particular appears to be literally identical in its appearance to an aerial view of the Great Pyramid, and it can be seen directly above the left-hand side of the arrow in the next image. If you look closely at this pyramid, you can see what appear to be two miniature pyramid-shaped mounds that are directly next to it on the top and left side. Both of these smaller mounds are located at the exact middle of the pyramid faces, which again suggests intelligent design and not a freak of nature.



The "Face" and "City" from Viking frame 35A76.

Then, immediately above and to the right of the biggest pyramid is another object dubbed "The Fort," which again seems to show the unmistakable signs of right-angle geometry and artificial structure. The arrow in the image demonstrates the alleged ritual significance of the Face, in that on that line of sight, the sunrise on the all-important date of the Equinox would occur directly behind the Face. A mound of earth many miles to the east of the Face seemed to serve as a means to deflect glare and make this Sunrise even more sudden and powerful to behold.

The most recent NASA photographs have only increased the resolution with which we can view this area, but this was never even featured in the mainstream media with any real seriousness until 2000, with the release of the Mission to Mars film from the Disney corporation. And on April 27 and 29, 2001, a one-hour special entitled "What is Really on Mars" on the NBC-affiliated cable station PAX-TV aired on these issues. In Hoagland's own words, over a long period of time he was "dragged kicking and screaming" to the idea that the objects in this area could actually represent extraterrestrial archeology, and the case continued to become more and more compelling. And in 1996 the McDaniel report independently analyzed the evidence and also concluded that there was overwhelming evidence for artificiality in the Cydonia area. The important point to remember with the McDaniel Report, is that this work was done completely outside the auspices of Hoagland's research by Ph.D. scholars.

12.2 THE TETRAHEDRON REVEALED

Erol Torun joined Hoagland's Mars Mission in 1988, and contributed his expert

cartographic skills from the United States' own Defense Mapping Agency to the project. He was the first to "orthographically rectify" the Viking images, meaning that he correctly installed a precision grid of coordinates that were properly aligned North to South on the images, thereby turning them into exact maps. This allowed the Mars Mission to mathematically calculate the exact angles, distances and relationships between the different objects in the Cydonia region. Hoagland had already proposed that if a message were to be encoded in the city, it would most likely take the form of universal mathematical values that others would be able to decode, by virtue of the innate, unchanging laws of number and geometry.

Within a reasonably short time and a great deal of excitement, the evidence mounted to indicate that one of the main functions of this City was indeed to give an encoded, sacred geometric "message" to its inhabitants and future discoverers. Various mathematical constants such as "e", which is a well-known function in trigonometry at a value of 2.718282, and values such as the square roots of 2, 3 and 5 were all seen clearly in the relationships between the objects on the map. (We remember that it was Torun's job with the United States' Defense Mapping Agency to come up with such precision measurements from a single map.) It is well known to mathematicians that the Platonic Solids show the three square root values of 2, 3 and 5 inside of themselves, so Torun decided to investigate the mathematics of all five of the Platonic Solids – the octahedron, tetrahedron, cube, dodecahedron and icosahedron – more fully.

Torun also focused in on the function "e", which is known as "the base of natural logarithms." Unfortunately, most of us do not know anything about what this means, and the Enterprise Mission articles and books do not explain it any further. In fact, "e" is a value that allows certain mathematical operations (logarithms) to grow larger in the most symmetrical or "natural" manner possible. Logarithms are directly connected to exponents, which many of us might remember seeing as the tiny numbers that are placed to the upper right of another number. If you see a big 10 with a little 5 next to it on the upper right, you read it as "ten to the fifth power."

The most common logarithms are those where you keep multiplying a number by factors of ten, and the little exponent number would show you how many times you should do this. In our above example, ten to the fifth power would be one million. However, if you keep multiplying a number by "e," or 2.718282, instead of multiplying by ten, the calculus studies showed that the number will grow larger in a much more symmetrical, geometrically balanced fashion. The "e" function shows up on a graph as a perfectly smooth curve that looks like a quarter-circle, from the top left to the bottom right.

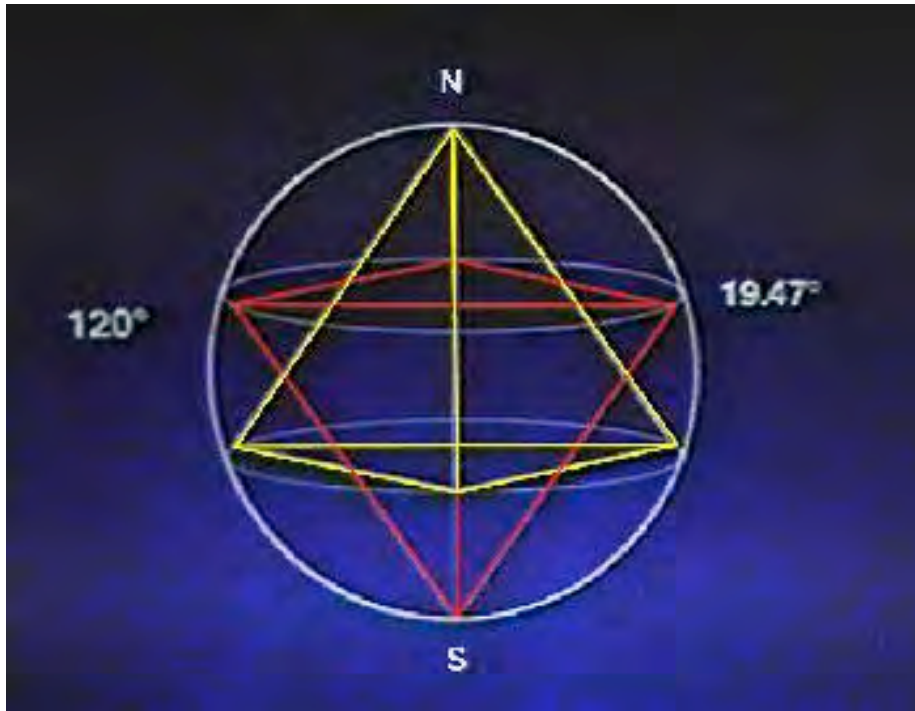
Torun excitedly discovered that there was a direct connection between "e" and the geometry of the tetrahedron, which was largely or totally unknown by most scientists. First, take a sphere and fit (or circumscribe) a tetrahedron perfectly inside of it. If you calculate the overall surface area of the sphere and then divide it by the overall surface area of the tetrahedron, you get a value that is very close to "e." At this point, no one is really sure exactly why this is, though there are some ideas. The only thing that we need to focus on right now is that this value could be used to form a message, encoded in mathematics.

So if we truly want our message to be complete, and for those who find it to have no doubts left in their mind that they are right, we need to have something to compare "e" against that would represent the value for the sphere. We remember that "e" represents the ratio between the tetrahedron and sphere, a difference that is caused by the presence of the tetrahedron; so, we should also try to find a different constant that would define the sphere directly. This is much more easily seen, as the value of "pi" or 3.14159 is the length of the circumference of any circle or sphere, if the diameter of the circle is assigned a numerical length of one. So our second value to compare against "e" would be "pi," something that anyone in the universe could calculate the same way, through the simple geometric analysis of a circle.

So, if the two values at work are "e" and "pi," then Torun felt that it would be best to divide them into each other to represent the main ratio between the tetrahedron and the sphere. When this "e / pi ratio" is calculated, we get a value of about 0.865. And, quite remarkably, this ratio showed up over and over again on Cydonia. For example, it can be seen in the ratio between a 19.5 and 22.5-degree angle, and is also seen between a 60 and 69.4-degree angle. Both of these angle pairs are clearly and unambiguously seen in the geometry of Cydonia.

However, the most satisfying discovery of all was when Torun studied the value in degrees for the actual latitude of the Martian Monuments, specifically at the point of the central five-sided geometric figure in the city, known as the "D&M Pyramid." This object is located at 40.87 degrees North latitude on Mars, and when we apply the universal mathematical function known as the 'arc tangent' to this number, we get 0.865 – the same e/pi ratio again! So, what that means is that the entire placement of the Cydonia monument complex, in a 360-degree coordinate system of latitude, is designed to show the geometric "message" of the tetrahedron in the sphere to anyone who would choose to pay Mars a visit. By the time this is seen, there should be no doubt left that all of this work was done deliberately, in a 360-degree coordinate system.

So, next we see an Enterprise Mission image of the circumscribed tetrahedron – a tetrahedron placed within a sphere – as measured in Cydonia. [And we now should know to visualize the sphere as having an axis through the center, thus making it a spherical torus.]



Enterprise

Mission image of circumscribed tetrahedron.

The simplest of the many geometric demonstrations of the tetrahedron in the sphere at Cydonia can be seen with the approximately 19.5-degree angles between objects. This angle measurement represents the number of degrees above or below the equator where three of the tetrahedron's tips (or nodes) will be situated. The fourth tip, of course, would be at either the north or south pole. The five-sided "D&M Pyramid" was referred to as the "mathematical Rosetta stone* of Cydonia" because for one, it was tilted exactly 19.5 degrees away from the east-west latitude lines of Mars, and within the D&M Pyramid were several other key angles of the circumscribed tetrahedron, such as 49.6 degrees, as well as the 60 to 69.4 or "e/ pi" angle ratio. It was the D&M Pyramid that allowed them to decode the rest of Cydonia.

(*Note: For those who are not familiar with the story of the Rosetta stone, this was a carved tablet that featured a set of inscriptions with the same message written in three different languages, one of which was Egyptian hieroglyphics and another of which was well known to modern humankind. From the Rosetta stone, the entire Egyptian hieroglyphic language was able to be decoded.)

In the original "Message of Cydonia" paper by Hoagland and Torun, followed by a detailed set of photographic and analytical data in Hoagland's book *The Monuments of Mars*, a huge range of mathematical correlations in the placement of certain key objects were outlined, some of which we have briefly covered in this chapter. One of the most startling facts is that a perfect equilateral triangle is formed between the Face, the D&M Pyramid and the City. For those who are interested in learning more, the books and papers are easily available through the Enterprise Mission website at www.enterprisemission.com; most other writings on the subject that are typically found on Internet websites tend to lack many key pieces of the puzzle, and incomplete attacks are often formed by skeptics as a result. So, when properly examined, these findings added to the central case without exception:

If you want to decode the Message of Mars, study the idea of a tetrahedron inside a sphere.

So what exactly does this mean? Based on what we have already been discussing in this book, we are in a good position to ask that question. What would happen if we investigated how this geometry was involved with the planet-wide "consciousness unit" formations that we have already been investigating? Should we expect to see some form of anomalous phenomena at these key "tetrahedral" points on the planets, as we have done with Sanderson and Pasichnyk's twelve "icosahedral" vortices here on Earth?

12.2.1 TETRAHEDRAL VORTEX GEOMETRIES

The icosahedron is one of the five main Platonic Solids, and the tetrahedron indicated on Mars is another. So if we are already seeing the icosahedron at work on the planets, which definitely have a spherical torus for a magnetic field, then should we also be looking for the tetrahedron, as the Message of Cydonia would lead us to believe? Would we also expect to find a spiraling, vortexual movement at the node points of a tetrahedron-shaped energy field that exists inside the sphere of a planet? Would this vortex movement have some of the same qualities as the tornado? Indeed, Hoagland's team found striking evidence of this energetic configuration in many of the bodies in our Solar System. Here is the complete list of "tetrahedral" anomalies on planets from the original "Message of Cydonia" paper by Hoagland and Torun:

Planetary Latitudes of Emergent Energy Phenomena

Object

Feature

Latitude

Comment

Earth

Hawaiian Caldera

19.6 N

Largest shield volcano

Moon

Tsiolkovskii

19.6 S

Unique Farside "mare-like" lava extrusion

Venus

Alta Regio

19.5 N

Current volcanic region

Beta Regio

25.0 S

Mars

Olympus Mons

19.3 N

Largest shield volcano (3x the size of Mont Everest)

Jupiter

Great Red Spot

22.0 S

Vast atmospheric "vorticular upwelling"

Io

Loki (2)
 19.0 N
 (Voyager 1& 2 volcanic plumes) Presumably driven by intense Jovian tidal forces and / or Jovian magnetic field
 Maui (6)
 19.0 N
 Pele (1)
 19.0 S
 Volund (4)
 22.0 N
 Saturn
 North Equatorial Belt
 20.0 N
 Region of "storms" observed from Earth
 South Equatorial Belt
 20.0 S
 Uranus
 Northern IR 1-2 K "dip"
 20.0 N
 Presumably deep "upwellings," creating high-altitude clouds
 Southern IR 1-2 K "dip"
 20.0 S
 Neptune
 Great Dark Spot
 20.0 S
 Presumably same as Jovian counterpart

Source: NASA and US Geological Survey

So from this table, we can clearly see that the tetrahedral "pattern" holds throughout most of the entire Solar System. Somehow, the aetheric energies appear to be continually flowing through these geometric patterns, forming spiraling vortices at each point. Both the Great Red Spot and the Great Dark Spot are clearly tornado-like vortices that seem to have a perpetual existence that is unexplainable in conventional models. The Great Red Spot has been observed on Jupiter for over 300 years without changing, appearing as a gigantic red vortex of spinning clouds that is big enough to fit two Earths, and no conventional scientists can explain exactly why it has remained in place so persistently. The volcanoes seen on other planets will most likely have a spiraling area of liquid magma under them as well, thus conforming to the "flow" of aetheric energy that is seen around the points of the tetrahedron.

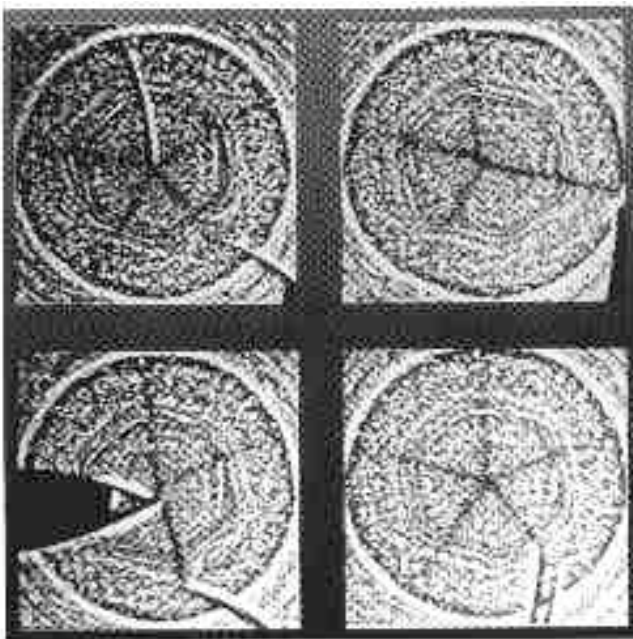
A recent article in Science News, linked at <http://newton.ex.ac.uk/aip/physnews.255.html#3>, shows us the possibility of "Great Red Spot" phenomena occurring outside our Solar System, in this case on the giant star Betelgeuse. It is very likely that further research will confirm that such spots exist at the 19.5-degree latitude:

THE FIRST DIRECT IMAGE OF THE SURFACE OF A STAR other than our sun was reported by Andrea Dupree of Harvard-Smithsonian. The surface of the star, Betelgeuse, had been indirectly imaged earlier using speckle interferometry, in which many brief exposures are added up to make a composite image. Dupree's pictures, made with the Hubble Space Telescope, confirm previous suspicions that Betelgeuse's surface exhibits a giant bright

spot. According to Dupree, the spot is 2000 K warmer than its surroundings and that this might be indicative of a new physical phenomenon at work in some stellar atmospheres.

Returning to our own Solar System, another point of great interest was that the Martian city "Cydonia" itself was located exactly 120 degrees west of the huge Olympus Mons volcano, which is situated at 19.3 degrees North. Obviously, says Hoagland, the volcano is formed by one of the nodes of the tetrahedron. Then, the 120-degree offset longitude of the City is exactly one-third of the 360-degree circumference of the globe, and is therefore on the same longitude line as another one of the tips of the tetrahedron. This again says suggests that the energy from the vortex was somehow being harnessed for use with energetic technologies at the city.

And after the above chart of data was originally compiled, the Enterprise Mission also realized that in the Sun's cycles of activity, the sunspots would peak at roughly 19.5 degrees above or below the equator before moving towards the Equator again; this seemed to be their "ideal" location when everything was in balance. Furthermore, a bizarre, hexagonal formation in the clouds at the North Pole of Saturn seemed to show the tip of the tetrahedron, where the energy was flowing into the spherical torus itself. The perfect circle at the outside of each image and the straight dark lines moving toward the center also show clear signs of a "node point" of a vortex:



Anomalies of Saturn's north pole, showing hexagon shape and vortex motion.

12.3 GEOMETRIC EQUILIBRIUM OF FORCES BY VIBRATION

So if there is indeed something going on here with geometry, what could it be? High rotational movement, gravity changes, matter changes and time warps on these spots? Why geometry, of all things? Aren't straight lines simply a manmade invention that is unseen in nature? In this book we will suggest that the whole "point" of geometry is vibration, as these geometries naturally emerge within a vibrating fluid. And different geometries mean different vibrations. The geometry of vibration is what allows the balance

between vortex points to occur.

As we illustrated in previous chapters, the “vacuum domains” seen by Dr. Dmitriev in so many different anomalous ways have a clear 180-degree polarity, hence we have called them “polarized consciousness units.” This consciousness-unit formation shows the greatest strength at the north and south poles, and produces very high energetics as the aether finds a powerful gateway to bleed into our reality. This high-energy, polarized-gravity situation is clearly not suitable for the requirements of a planet; it is not balanced enough. Tornadoes, for example, are hugely destructive and rotate at tremendous speeds.

In order to successfully form a planet, we would need these powerful forces seen at the North and South poles to be more effectively spaced out across the globe itself, so that the planet can maintain its structure and balance without being torn apart. And now, with our knowledge of the properties of a vibrating fluid, we can see that Nature has already provided the answer for us. Forms such as the tetrahedron and icosahedron take some of the “pressure” off of the flow through the rotational axis and allow these forces to “space out” and flow more evenly through a planet, streaming like rivers around all points of the geometric fields that are formed inside the planet. And most importantly, the simple properties of vibration give us the key that makes this possible, as we will see in the next chapter.

12.4 “FIELD-DYNAMICAL MODEL” THROUGHOUT THE SOLAR SYSTEM

In the next chapter we will lay out the complete case to show the vibrational connections between light, sound and geometry; however in the remainder of this chapter, we will compile more of Richard Pasichnyk’s ingenious findings on planetary energy processes into a streamlined and organized form to compare them with Hoagland et al’s findings. Here, what we will be discussing is Pasichnyk’s observation that the “Field-dynamical model” can be seen throughout the Solar System, on every planet. This obviously lends a dramatic new layer of proof to the idea that each planet is a “consciousness unit” with its own geometric Grid formation. We obviously did not have access to this data when writing *The Shift of the Ages*.

12.4.1 ENERGETIC RING FORMATIONS IN THE CU

Before we launch into a description of these connections, we must cover one additional aspect of Pasichnyk’s model. We have seen that when a consciousness unit is not totally “polarized,” its fields enter through both the north and south pole, then spreading out to form shapes such as the icosahedron. However, the rotational axis will always remain in the field as a clearly visible “line” that runs through the sphere from top to bottom. Similarly, says Pasichnyk, the “ring” formation that can be seen around a planet such as Saturn is formed by these same energetic forces. In this case, as the fields enter from each pole, they crash together at the exact geometric center of the sphere, where they first cross. This forms energy and matter that is then structured into rings by the various nested spherical fields that we have seen in previous experiments. So, just as the axis forms in the exact north-south polarity of the sphere, the ring forms in the exact east-west polarity. The axis curves through the center as a straight line, and the ring radiates across the center as a flat plane that extends around 360 degrees to

form a circle.

And, as Walter Russell showed by experiment in his book *Atomic Suicide?* and Peter Kelly later replicated, the ring around the sphere can be formed in the laboratory, solely with intersecting magnetic fields. In this experiment, which we described in Chapter 10, two cone-shaped electromagnets are set to face each other at their points, and when they are turned on, a bucking energy field forms between them. Tiny iron shavings can be dropped between them and instead of falling, they will arrange into a spherical formation. This is caused by the fact that a sphere-shaped area of magnetism is being formed between the two cones. Then, when the two cones are gradually pulled apart, without gravity or rotation, the sphere bulges and then forms a ring.

Therefore, from Walter Russell's replicable experiment, we can see that the ring is a natural consequence of the interaction of spiraling cone-shaped magnetic fields that are entering the sphere from both sides, not just a single flow from the top or the bottom as seen in a polarized CU. This would explain why Dmitriev's "vacuum domain" formations were not seen to have rings surrounding them in this fashion:

The ring is the obvious point of geometric balance between fields that are entering and intersecting from both poles of the sphere.

In the polarized CU the energy flow only enters at one pole and exits at the other, and no ring is formed.

With this new piece of data in mind, we can proceed. Although most people believe that only Saturn has rings, Pasichnyk summarizes recent research by showing that all the planets show some form of a ring, or at least a "ring current" of energy at their equatorial regions.

12.4.2 TIME-VARIABLE PHENOMENA

One other point should also be made regarding Pasichnyk's research. He frequently points out phenomena in the planets that are time-variable, meaning that there are energetic effects that change over the course of time. We should already expect this to be true based on the work of Prof. Shnoll, who showed that the reaction rates of atoms and molecules are directly affected by planetary and celestial movements such as the day, the lunar month, the solar year and even the "sidereal" passage of the Earth through the galaxy. Measurements of different compounds taken at the same time will show nearly identical variations, thus indicating that all molecular structures on a given planet are being affected in the same manner.

Furthermore, in the last chapter we have already shown that the Earth's magnetic field, gravitational field and rotation speed can all change, either from solar eclipses, which decrease the amount of instreaming solar energy, or from periods of solar maximum, which increase the amount of available energy. So, in the new model we can expect all the planets to show noticeable changes that vary with time. And let's not forget that gravity is actually being formed by the push-pull of instreaming and out-flowing aether energy.

So, with Mercury and the rest of the planets, we will start with some general facts and then try to break down Pasichnyk's main points into five categories,

in order to form a logical, organized and easy to read structure. These five categories will be magnetic anomalies, time-varying phenomena, luminous/energetic phenomena, ionospheric/atmospheric anomalies and structural/geometric anomalies, and there will by necessity be some overlap between categories.

12.5 MERCURY

Mercury has a radius of 2,439 kilometers and a mass of 3.30×10^{23} kilograms. It has been visited directly only once, by the Mariner 10 spacecraft, which flew by three times in 1974 and 75. Only 45 percent of its surface was able to be mapped at this time. Curiously, in 1965 it was discovered that Mercury will rotate three times in two of its passes around the Sun, making it the only planet with an orbital / rotational resonance that is other than some level of one-to-one. More recent radar observations of Mercury's north pole have shown evidence of water ice in certain craters, which shield the ice from the Sun, another quite unexpected anomaly.

12.5.1 MAGNETIC ANOMALIES

1

Magnetic field similar to Earth. Mercury has a weak magnetic field that is very similar to the Earth's, only with its behavior and events occurring at a more rapid speed. The Sun's influence on the magnetic field appears to be responsible for this faster speed of behavior, since Mercury is much closer to the Sun and orbits it much more quickly. In the current dynamo theory, Mercury shouldn't have a magnetic field at all.

2

Core anomalies. Based on the conventional concepts of planetary formation, Mercury's core should have either solidified or frozen out very early in its development. This would prohibit Mercury from forming a magnetic dynamo in the current model.

3

Slow rotation. Mercury rotates very slowly on its axis. This also creates a tremendous problem for the idea that its magnetic field is powered by the dynamo model.

4

Stronger electric field. Furthermore, the magnetosphere of Mercury has a comparably stronger electric field than the Earth does, again suggesting that this is directly related to the energy it takes in by its close proximity to the Sun.

12.5.2 TIME-VARYING PHENOMENA

The time-varying phenomena on Mercury include the following:

1

Radio emissions from Mercury can be seen to disappear at certain points, then reappear. We have no means of explaining this in current models.

2

Electrons and protons are seen to fluctuate around Mercury in six-second intervals. This suggests that the center of Mercury is a time-varying source with nuclear activity

3

Auroras on Mercury vary with time, though in conventional models they should remain steady because of how close Mercury is to the Sun.

4

Bright emissions of ultraviolet light at short wavelengths were seen to appear and disappear over the course of a few days on Mercury's dark side.

12.5.3 LUMINOUS / ENERGETIC PHENOMENA

1

Auroras can be seen at the 30-degree latitudes, as is expected from the icosahedron-based energy field.

2

Hazy formations can be seen in Mercury's middle latitudes. This suggests an atmosphere. However, Mercury is not supposed to have an atmosphere due to its closeness to the Sun.

3

Luminous spots have been seen on Mercury's surface.

Rings have been seen around Mercury, which are dark and nebulous with a purple tinge.

12.5.4 IONOSPHERIC / ATMOSPHERIC ANOMALIES

1

Trapped particles are contained in Mercury's ionosphere that are too dense for conventional scientific explanations. This suggests that an internal, dynamic mechanism is generating them from within, as we would expect in Pasichnyk's model.

2

Helium, hydrogen and oxygen are contained in Mercury's atmosphere. In conventional models there isn't enough gravitational strength for Mercury to hold onto an atmosphere; the solar wind should have blown it away. Pasichnyk suggests that Mercury is generating these particles from within, via hydrogen fusion and its by-products occurring in the planet's core. The magnetic fields, as we now understand them in this new model, are what keeps this atmosphere from being blown away.

12.5.5 STRUCTURAL / GEOMETRIC ANOMALIES

1

Density. Mercury is only one tenth as big as Venus or Earth, but it is extremely dense inside. This density is high enough that the conventional models for planetary formation— either the condensation of dusts and gases or the gathering together (accretion) of meteors and planetesimals — have no means of accounting for this. Later in this book we will see a new explanation for why this might be.

2

Tectonics. The majority of Mercury's tectonic movements show that they are aligned with the poles, the equator and the middle latitudes, as expected in the icosahedron-based Field-Dynamical Model.

3

Polar auroras. Auroras are seen over the poles of Mercury, which again should not be possible in conventional models. We remember that this is showing us where the energies are streaming into the luminous core of the planet.

4

Polar ice. As we stated above, ice has been seen on Mercury's north pole, again showing that anomalous phenomena are occurring there, given Mercury's innate heat. Mercury is not a "molten" planet on the surface as some have been led to believe, but it is certainly hot enough to make this an anomaly. Where would the vapors have come from?

12.6 VENUS

Venus' orbit almost forms a perfect circle, more than any other planet in the Solar System. It is 12,103.6 kilometers in diameter and 4.869×10^{24} kilograms in mass. It was first visited by Mariner 2 in 1952 and has since been visited by more than 20 other probes. It is only slightly smaller than the Earth in size, and it very probably once had large amounts of water like Earth, but this water was later boiled away. It is now surrounded by very dense clouds, and has no moons. It rotates very slowly on its axis in a retrograde or "backward" motion, and most interestingly, "the periods of Venus' rotation and of its orbit are synchronized such that it always presents the same face toward Earth when the two planets are at their closest approach." This suggests an interplanetary, energetic connection that links the two planetary orbits, which we will cover later.

12.6.1 MAGNETIC ANOMALIES

1

Weak magnetic field. Since Venus is closer to the Sun than Earth, our scientists expected it to have a stronger magnetic field. This is due to the belief that Venus must have formed a liquid core with the expected conditions of temperature and pressure. However, Venus' magnetic field is so weak that it was measured as being near zero for a long period of time.

2

No vertical component to magnetic field. Venus' skimpy magnetic field only moves east to west, not north to south along the axis of rotation. Scientists admit that this poses a severe challenge to the dynamo model. Yet, when we start to see the new model, other options for magnetic fields become possible, as the center of a planet is comprised of luminous aetheric material that is forming the magnetic field, not a solid core.

3

Magnetic responses to solar wind. In periods where the pressure of the solar wind is very high, Venus' magnetic field undergoes strong, large-scale

variations, thus indicating a direct link between the two as we would expect.

12.6.2 TIME-VARYING PHENOMENA

1

Changing speed of "particles." In the Venusian atmosphere, oxygen ions and protons are seen to change their speeds of travel in relation to each other, in defiance of all known understandings.

2

24-hour changing height of ionosphere. In a breathing-style movement, the ionosphere can change from a height of several thousand kilometers to only 200 kilometers, or 125 miles, within a period of twenty-four hours. At the lower heights, almost no ions will be seen above the 200-km point.

3

4-day changing height of atmosphere. In a cycle that occurs over a period of four days, the cloud-deck of Venus moves up and down as much as one kilometer, or 0.62 miles, across the entire surface of the planet simultaneously. This is referred to by scientists as the "steady breath" of Venus, and it can be observed by measuring the varying strengths of carbon dioxide in the atmosphere. This shows the pulsating nature of the true energy fields that are streaming in and out of the planet on a time-variable basis.

12.6.3 LUMINOUS / ENERGETIC PHENOMENA

1

Auroras. Due to Venus' weak magnetic field, it is not expected to have auroras. The fact that they have been seen supports Pasichnyk's Field-Dynamical Model by showing their connection to an internal energy source and not a "magnetic dynamo."

2

Oxygen night glow. During times when the solar activity is peaking and solar flares are released, Venus shows signs of oxygen atoms glowing on the night side. This was completely unexpected in conventional models and suggests a solar connection.

3

Increasing glow near surface. Two different probes determined that as you penetrate the atmosphere of Venus, there is a glow that increases as you move closer to the surface.

4

Lightning without precipitation. On Venus we have observed lightning that does not occur in conjunction with rainfall; our current models expect them to work together. [We remember that this was also seen in the tornado anomalies of Dr. Dmitriev.]

5

More energy radiated than received. As also noticed by Richard Hoagland and The Enterprise Mission, Venus radiates 15% more energy from itself than it receives from the Sun.

6

Ring or particle density at equator. As the new model would propose, Venus shows a ring phenomenon of increased particle density at its equator point.

12.6.4 IONOSPHERIC / ATMOSPHERIC ANOMALIES

1

Lack of polar clouds. Venus does not have visible cloud cover over the north and south pole, suggesting the entry and exit points for energy moving to the center.

2

Mid-latitude holes in ionosphere. As expected from the geometry involved, the mid-latitude areas of Venus show "holes" where there is a higher temperature and an energetic enhancement of the hydrogen ions inside. As the electric fields and upward flow of ions increase in these areas, there is a corresponding depletion of surrounding plasma energy.

3

Pressure anomalies. In concordance with the geometry, atmospheric pressure is highest at about the 30-degree latitudes. High pressure values are also seen at the Equator and near the pole, at about 60 degrees latitude. (The pole is 90 degrees latitude.) However, at the pole itself, we find the lowest pressure of all. These anomalies cannot be explained by the rotation of Venus but now are fully accounted for.

4

Super-rotating atmosphere. Venus takes an amazingly slow 243 Earth days to rotate once around its own axis, in a "retrograde" motion that is backwards from all the other planets. (Earth, obviously, takes only one day.) However, its high-altitude winds circle the entire planet in only four days. Furthermore, these winds have:

5

Retrograde atmospheric rotation. The super-rotating outer layers of Venus' clouds are rotating in the opposite direction to the planet's rotational movement, thereby rotating in the same direction as the other planets. These high-altitude cloud phenomena require a mechanism to drive the rotation that is not now seen.

12.6.5 STRUCTURAL / GEOMETRIC ANOMALIES

1

Polar regions hotter than equator. The hot polar regions are obviously a surprise to scientists; if the Sun were the only source of heat for a planet we would expect the greatest temperatures to be at the equator. However, the idea of a Sun-like internal energy source that is fed from streaming energy at the poles suggests such an observation.

2

"Polar collar cloud" exists at the poles. This cloud formation shows the entry and exit points of the surrounding energy as it streams into the planet's core from the poles.

3

Gravity or planetary waves from mid-latitudes. These gravitational forces show us that the anomalies of the icosahedral formation on Earth can occur on other planets as well.

4

Heat waves, jets, particle flow and wind shear at mid-latitudes. Beginning with the work of Ivan Sanderson, all of these types of phenomena have been seen on the Earth, corresponding to the icosahedral geometry.

5

Upwardly directed lightning at 30 degree latitude. A land form with volcanic peaks at 30 degrees South latitude known as Aphrodite Terra shows upward-moving lightning that is clustered near the peaks Beta and Alta. These flashes were not correlated with volcanic activity. Again we can see how powerfully the energy is emanating from these points.

6

Deep atmosphere cooler at equator than 30-degree latitudes. This observation occurs when we dip below 40 kilometers or 25 miles in the Venusian atmosphere, and obviously contradicts current planetary models.

7

Time-varying geometric features along equator. Especially in ultraviolet photographs of Venus, dark shapes including a sideways, geometric "Y"-shaped feature are seen along the equator. The "Y" feature has been observed to last for weeks and reappear in four-day intervals of time. We know that this feature has persisted at the same longitude for at least decades. These formations are situated between the two 45-degree latitudes and are about 1,000 km/600 miles in length, moving with apparent angular motion at the equator. [Note: Each node point of the dodecahedron is comprised of three lines that form into the shape of a "Y."]

8

Anomalous tectonic features. Venus has a crust that is believed to be too thin and hot for the conventional plate tectonics model to work there. However, there are indeed tectonic features, fractures that are at nearly right angles known as transform faults, and rift valleys. Venus also has a canyon that is much larger than the Grand Canyon on Earth, and it is right along the equator. In conventional tectonic models, the surface of Venus is expected to be relatively smooth. These anomalies suggest the expansion hypothesis and the geometry of the Fields working in tandem.

12.7 MARS

Earth is the third planet from the Sun after Venus, and Mars is the fourth. Mars is also the seventh largest planet in the Solar System. Its diameter is 6,794 km, and its mass is 6.4219×10^{23} kg. It has a significantly elliptical orbit, which can cause extreme climate and temperature changes. Though its average temperature is 218 K (-55 C, -67 F,) it can be as cold as 140 K (-133 C, -207 F) in the winter and as warm as 300 K (27 C, 80 F) in the summer. This would obviously make a modern attempt at colonization very difficult without some form of enclosed dome. The Red Planet was visited first by

Mariner 4 in 1965 and was followed by several others including the two Viking landers in 1976. Many other probes have attempted to visit Mars and experienced highly unusual disasters, and some such as Dr. Zecharia Sitchin have suggested that this is due to intelligent interference. In recent times there has been much publicity about Mars having been just like Earth in its past, with oceans, running water, an atmosphere and even life. Clear evidence shows that Mars still has a blue sky, areas of water and possible life.

Mars has two moons, Phobos and Deimos, both of which have unusual qualities that suggest that they might be hollow inside. They move very fast and overly close to the surface. Furthermore, exactly one half of the surface crust of Mars has massive cratering, whereas the other half shows very little. This, combined with similar observations on the moons of Jupiter and Saturn, lends significant support to Dr. Tom Van Flandern's idea that Mars was once a satellite of planet that had exploded, now seen as the asteroid belt. This would account for its currently "devastated" condition, where ostensibly life had once been thriving enough to create the Cydonia city.

12.7.1 MAGNETIC ANOMALIES

1

Little or no magnetic field. Since Mars has a solid outer crust and inner density similar to the Earth, it is expected to have a magnetic field that is at least two orders of magnitude greater than what is actually seen. If it has such a field at all, it might be time-varying. It is possible that the hypothesized planetary explosion caused this energetic damage.

2

High-velocity flow. On the side of Mars opposite the Sun, the weak magnetic fields that have been observed flow at speeds that are much faster than could be explained by centrifugal force alone. This suggests that a luminous core is at the center that is serving as an energetic particle accelerator.

12.7.2 TIME-VARYING PHENOMENA

1

Changing polar stress patterns. The simple idea of a flowing convection movement within the magma of Mars does not explain the time-varying stress patterns that are seen at the poles, moving towards the interior. This is to be expected in the new model.

2

Tectonic and other phenomena vary with solar activity. Tectonic behavior that is correlated with the solar output again makes the powerful suggestion that the various processes of movement in Mars are linked with the instreaming energy from the Sun.

12.7.3 LUMINOUS / ENERGETIC PHENOMENA

1

Darkened waves. The mid-latitude regions, which are so important in the Field-dynamical model due to the geometry, show wavelike areas of darkened color.

2

Bright and dark spots. These have also been seen at the all-important mid-latitude regions and also suggest currently unexplained energetic behavior.

12.7.4 IONOSPHERIC / ATMOSPHERIC ANOMALIES

1

Spiral clouds with a narrow jet at the North Pole. These clouds reach 50 kilometers or 86 miles in depth, whereas current theories suggest that they should be only 6-7 kilometers, or 10.7-11.3 miles. These clouds are very similar to hurricane or tornado clouds on Earth. Again, we are seeing instreaming energy at the poles, as we would expect.

2

Weather phenomena with solar connections. In the geometrically-defined mid-latitude regions, there are very active weather events that are timed in concordance with the solar activity.

3

Parallel clouds and dust storms at mid-latitudes. Clouds that run in parallel formations and dust storms also suggest that the mid-latitude areas are more energetic.

4

Temperature and pressure fluctuations at mid latitudes. Again, Pasichnyk's new model geometrically explains why there would be changes in heat and pressure in these zones.

12.7.4 STRUCTURAL / GEOMETRIC ANOMALIES

1

"Pinwheel" plate stackings at poles. This remarkable discovery at the polar regions shows that different plate units are stacking up like pinwheels, somehow flowing together in a clear vortex pattern! These patterns occur within circle-shaped basins at the poles, in perfect accordance with what we would expect for the main nodes of these energy fields.

2

Gravity waves related to mid-latitudes. In conventional models gravity should be smooth; however, beginning with Sanderson's research we now can suggest that mid-latitude gravity anomalies would be seen on other planets such as Mars.

3

Tectonic features between 40 degree latitudes. These areas of seismic activity are allegedly formed by rotation only in the conventional view, but they fit this model also.

12.8 JUPITER

Jupiter is fifth planet and by far the largest in our Solar System. It is more than twice as large as all the other planets combined, and it would take 318 Earths to fill its volume. Its diameter at the equator is 142,984 km and it is believed to weigh $1.900e27$ kg. It was first visited by Pioneer 10 in 1973, and

later Pioneer 11, Voyagers 1 and 2, Ulysses and most recently, Galileo. Jupiter is a gas planet, which does not have a solid surface but simply gets denser with depth. Recent studies suggest that it contains a small, rocky, Earthlike core that is about 10 or 15 times as large as Earth is now. Its gases are about 90 percent hydrogen, 10 percent helium and traces of methane, water, ammonia and rock, which is believed to be similar to the hypothesized planetary nebula that is thought to have given birth to the planets. Above the rocky core is liquid metallic hydrogen that contains ionized protons and electrons like the Sun, but at a lower temperature. Like other gas planets, Jupiter has high-velocity winds that counter-rotate in adjacent belts, where the light-colored belts are called "zones" and the dark-colored belts are called "bands." Counter-rotating clouds should require counter-rotating energy fields to drive themselves along.

In 1610, Galileo discovered the four large moons of Jupiter, which are Io, Europa, Ganymede and Callisto, and this gave major support to Copernicus' heretical concept that the Sun was at the center of the Solar System. Galileo was thus imprisoned for the rest of his life and forced to officially recant his beliefs by the priestly hierarchy. At the time of this writing a total of 12 smaller moons are acknowledged to exist around Jupiter as well. Interestingly, Io, Europa and Ganymede orbit each other in a harmonic ratio of 1 to 2 to 4, and it is believed that Callisto will eventually join this ratio in a few hundred million years at exactly twice the orbit of Ganymede and eight times the period of Io. The conventional explanation for this is "orbital resonance" and in the vibrational aetheric model it is totally accounted for. Such "resonance" is also seen in the asteroid belt, in what are known as the "Kirkwood resonance gaps." These clear-cut spaces between different bands of asteroids follow the basic principles of music and vibration.

12.8.1 JUPITER MAGNETIC ANOMALIES

1

Very large in size. Jupiter's magnetic field extends out to one hundred times its radius, due to it being four times stronger than Earth's magnetic field. This therefore exerts a major energetic impact on other planets in our Solar System in the aetheric model.

2

Magnetosphere / equatorial current connection. As Jupiter's magnetosphere compresses, the equatorial current is activated; again, this is predicted in the new model and was seen in Walter Russell's experiments.

12.8.2 TIME-VARYING PHENOMENA

1

Radio bursts. These are caused by particle flow that occurs along the magnetic lines of force, and the phases of Jupiter's largest moon Io are almost entirely responsible for them. This shows the connection of external bodies to the internal energy processes, as the work of Prof. Shnoll on atomic and molecular reactions would lead us to believe.

2

Hydrogen enhancements at the poles. The levels of both atomic and molecular hydrogen have been seen to vary with time at the polar regions,

showing us again the areas of streaming energy that we expect to find.

3

Cloud boundaries. Clear boundaries exist between cloud belts and systems, and they display time-varying properties and counter-rotation, showing us the opposing fields.

4

GRS fluctuates with solar activity. The Great Red Spot of Jupiter shows changes that occur in sync with solar activity. Others have made connections between GRS changes and the phases of Jupiter's four main moons, again showing external influences on Jupiter's energetics, which current models do not expect to see.

12.8.3 LUMINOUS / ENERGETIC PHENOMENA

1

Large, unexpectedly strong aurora. As observed on March 5, 1979, Jupiter has an aurora that is 29,000 kilometers or 18,000 miles wide at the North Pole, the largest we have ever seen. This aurora is much stronger than present models would believe; it also exhibits lightning storms.

2

16 times more ions flow into the magnetosphere than expected. These energetic oxygen and sulfur ions are notably too strong for the current model, again suggesting a more powerful internal energy source than we have been led to believe.

3

More energy radiated than received from Sun. Again, different interpretations have come about for why so much extra energy is being released, but none seem to hold up; in short, Jupiter must have a strong internal source of energy as we have proposed.

4

Dark rings. Jupiter was not expected to have any rings, but they were indeed discovered by Voyager 1, much smaller and fainter in color than Saturn's.

12.8.4 IONOSPHERIC / ATMOSPHERIC ANOMALIES

1

Particles blocked between hemispheres. For some currently unknown reason, the particles that develop along magnetic field lines in one hemisphere do not transfer to the other. In Pasichnyk's model this shows us that they are being accelerated into the equatorial region before they would ever cross the equator.

2

Polar regions lack atmospheric gases. The lack of gases at the poles again shows us that they are being cleared away by a flow of energy and particulate matter with the interior of the planet, which centers in the polar regions.

3

Distinct color changes at 30 degrees. At the thirty-degree latitudes, the color of Jupiter's clouds change dramatically. This again shows us that at the points defined by the geometry, we see anomalous phenomena.

4

Counter-rotating cloud belts with sharp boundaries. No solid explanation in known atmospheric models has been given for these counter-rotating atmospheric anomalies.

12.8.5 STRUCTURAL / GEOMETRIC ANOMALIES

1

X-rays at the poles. These energetic bursts are typical of particle acceleration and have been seen at both the North and South poles, again showing us the flowing energy system at work.

2

Auroras accelerated at 180 degrees longitude. We should remember that the 180-degree longitude line divides a planet perfectly in half. This faster movement of the aurora within a clearly geometrically-defined area shows us an anomaly that fits with the new model and is not understood conventionally. When we remember the geometry of the Global Grid this is much easier to understand.

3

Polar wind of hydrogen. Again this shows the streaming energy at the poles, indicating the activity of the CU.

4

Unusually warm features at 35-degree latitudes. The heating from the Sun is expected to be the strongest at the equator, and yet this observation perfectly fits the new model.

5

Faster-moving mid-latitude winds. Normally we would expect the equator to have the fastest winds, but instead they peak at the 20 to 30 degree latitudes and less so at the 10-degree latitudes.

12.9 SATURN

This is the sixth planet from the Sun and the largest after Jupiter. Its diameter is 120,536 km at the equator, and its mass is 5.68×10^{26} kg. It was first observed by Galileo in 1610, and the geometry of the rings was not determined until 1659 by Christian Huygens. It was first visited by Pioneer 1 in 1979 and later by Voyager 1 and 2. Saturn is by no means a perfect sphere, as there is an almost 10-percent flattening between the polar regions as opposed to the equator, which is visible in a telescope. This "oblate" spherical shape is believed to be caused by its rapid rotation, but we remember that in Walter Russell's experiments it could be formed by simply increasing the distance between the two sources of the spiraling, conical magnetic fields that intersect in a spherical form. As a gas planet, Saturn's atmospheric composition is very similar to Jupiter's, including all the trace elements seen on Jupiter. However, its two main gaseous constituents show a higher balance

of helium than Jupiter, with 75% hydrogen and 25% helium. It has very visible rings, three of which can be seen from the Earth in a telescope. Even so, they are very flat at only 1.5 kilometers thick, and there is so little material in the rings that if they were all compressed into a single body, the resulting mass would be no more than 100 kilometers wide. Saturn also has a small, Earthlike rocky core at its center, like Jupiter.

The two largest moons of Saturn are Titan and Rhea, and there are a total of 18 named satellites at the present time. Three different pairs of moons have stable, "harmonic" interactions. Mimas' orbit is exactly half of Tethys, or a 1:2 resonance. Enceladus and Dione are also 1:2 and Titan and Hyperion are 3:4. This is only explained conventionally by ideas of "resonance" in gravity.

12.9.1 MAGNETIC ANOMALIES

1

Significant magnetic field. Saturn's magnetic field also has a far reach like Jupiter's, and in the new model can therefore have long-range energetic effects, especially when there are specific geometric interactions between Jupiter and Saturn such as conjunctions or 180-degree oppositions. Later we will show that these interactions can actually affect the quality of radio broadcasts even more than the peak sunspot activities, and suggest that these conjunctions act as the "driver" of other long-term cycles in the Solar System.

2

Magnetosphere responsive to solar wind. The direct effect of the solar wind on Saturn's magnetic field again shows the importance of the Sun's energy in planetary processes.

3

Magnetic and rotational axis identical. Satellite measurements have confirmed that on Saturn, the magnetic axis is in precise alignment with the rotational axis. This is a surprise for current models, as normally these fields are offset from each other somewhat. In the new model, this precise alignment could well be the reason for why the rings of Saturn are so prominent; the fields line up perfectly to create them.

4

Braided formations in the F-ring. These strange, braided "knots" were observed in Voyager 1 images but not in Voyager 2 images. This three-dimensional structure is certainly not what we would expect to see if the rings were simply gas and dust; it looks very much like a complex, vortexual magnetic field, as the new model suggests would appear when you have two different counter-rotating, spiraling fields interacting there.

12.9.2 TIME-VARYING PHENOMENA

1

Impulsive radio discharges. These discontinuous radio bursts are difficult to explain in current models, which do not provide a reason for phenomena that change with time.

2

Polar aurora. The aurora over the poles is not seen steadily, but rather changes with time and with solar activity, as we would now expect.

3

Irregular brightness variations. Saturn's overall brightness, as well as that of its rings, shows time-varying changes that synchronize with solar activity. However, this synchronization is irregular, suggesting other influences besides the Sun.

4

Mysterious ring disappearances. Since the eighteenth century, Saturn's rings have been known to occasionally disappear on one side altogether. In other cases, as first observed by astronomer Maurice Ainslie, luminous balls of ionizing radiation have been seen to move through the rings and absorb ring material. This is what we would expect if the core of Saturn were releasing natural self-luminous formations that absorbed the energetic plasma material that is actually forming Saturn's rings. We remember that properties two and three of Dr. Dmitriev's "vacuum domain" list are that they can absorb and emit light and / or electromagnetic fields.

12.9.3 LUMINOUS / ENERGETIC PHENOMENA

1

Saturn Electrostatic Discharge. As our space probes passed through the equator area, we were surprised to discover that Saturn had a very large energetic discharge. We now know that it revolves or rotates like a search-light beacon and is very narrow, within less than 5 minutes of a degree of latitude. This strongly suggests that a geometric structure is forming the field. A stabler energetic current is seen along the plane of the rings as well.

2

Hydrogen glow near rings. This glow of excited hydrogen ions suggests that the rings are being fed by an energetic source, not simply gas and dust.

3

2.4 times extra energy radiated out. Saturn radiates 2.4 times more energy than it receives from the Sun, in defiance of known models and understandings.

4

Bright spots that form bands. Spherical white spots have been seen in 1876, 1903, 1933 and 1960, and in September 1990 another was seen. In the new model these would be "vacuum domains" or natural self-luminous formations emerging from the planet's energetic core. The spot that was seen in 1990 first spread out into a 21,000-kilometer or 1,305-mile oval, and by November it had fully expanded to become a planet-encircling band. This strongly suggests that these bands are being formed by internal energy emissions that get caught up in the rotation of the field whose influence they are under at that particular latitude, then spreading out into the atmosphere. And more importantly still, we see that the time periods between the sightings of these white spots correspond closely to Saturn's 29.4-year orbit around the Sun, again suggesting that Saturn's energetic processes are closely related to its movement relative to the Sun. Let's also remember that Dr. Dmitriev made a direct correlation between the number of NSLFs

seen on Earth and the amount of solar activity that was occurring at the same time.

12.9.4 IONOSPHERIC / ATMOSPHERIC ANOMALIES

1

Heating of the atmosphere. Without a radiant internal energy source it is difficult to explain why Saturn's atmosphere has the heat that it does, especially near the center, where temperatures reach twelve thousand degrees Kelvin.

2

Brightening and wind at the poles. The extra brightness and energetic wind currents in the polar regions seem to again be showing us a vortex energy flow into the center of the planet, where we expect there to be the presence of "undifferentiated solar matter."

3

X ray emissions at poles. These polar X-rays occur during auroras and show "nuclear particle accelerator" properties inside Saturn.

4

Helium emitted at the poles. The helium that emerges from Saturn's poles also shows nuclear qualities in the core, and again illustrates the streaming polar energy motion.

12.9.5 STRUCTURAL / GEOMETRIC ANOMALIES

1

Ring grooves. The grooves between Saturn's rings are so numerous that it appears to be a phonograph record; this seems to be showing us a sketch of a multiplicity of nested spherical fields of energy that are all interacting precisely at the equatorial region. These grooves could obviously not be formed by conventional gravity concepts.

2

Inwardly moving ring waves. In the conventional model involving only centrifugal force, the rings should be moving away from the planet, not towards it. We remember that Walter Russell's experiment demonstrated a ring with electromagnetic fields only, thus showing that it has nothing to do with simple gravitation, more to do with an intersection of forces on the equatorial plane of the CU or spherical torus. In the new model, the two fields geometrically interact at the equator, their perfect point of balance, and are then absorbed into the center.

3

"Spokes" in the B-ring. We can actually see time-varying geometric changes in the second ring or "B-ring" that show up as wedge-shaped formations, which radiate out from the center of the planet. Yes, that's right, straight-lined geometric structures of energy! This again shows a geometric magnetic field, and is best explained by seeing a funnel-shaped vortex that is formed from the center of the planet.

4

45-degree spoke spacings. The spokes mentioned above show the greatest activity in evenly spaced intervals of 45-degrees longitude. This is remarkably close to where the nodes of the icosahedron are divided up across the surface of a sphere! Should there be a cube / octahedral field acting here it would be a perfect fit, as eight sides times 45 is 360.

5

Non-gravitational ring irregularities. We have already mentioned some of these, such as very thin rings, the fine spaces between the rings, the grooves and the spokes. There are also rings with eccentric shapes, spiraling formations, rippling formations and kinks that develop. None of these formations should appear by the effects of gravity, which is where most theories will stop in their explanatory efforts.

12.10 URANUS

This blue-colored, gaseous planet was discovered by William Herschel on March 13, 1781. It has only been visited by one spacecraft, and that was Voyager 2 on Jan. 24, 1986. Interestingly, its axis of rotation almost directly faces the Sun, unlike all other planets in the Solar System. It is less gaseous than Jupiter and Saturn, having about 15 percent hydrogen and a small amount of helium, with the rest being rock and various forms of ice. Its mass seems to be uniformly distributed, without any extra density near the core. However, both Uranus and Neptune seem to have similar compositions as the cores of Jupiter and Saturn, except for the lack of a large-scale liquid metallic hydrogen structure that is formed by temperature and pressure. Uranus also has cloud bands that make rapid movements across the surface, like the other gas planets. It has eleven known rings, all of which are very faint. The brightest ring is known as the Epsilon ring.

Uranus has the most known moons of any planet, with 20 that have been named. There are eleven that are very small, dark and near to the planet, which were discovered by Voyager 2. The five larger moons are Miranda, Ariel, Umbriel and Titania, and four other much more distant moons have been recently discovered. Except for the four distant moons, they have nearly circular orbits around Uranus' equator, and are therefore also tilted at an almost perpendicular angle against the normal flat plane in which the Sun's planets orbit, known as the ecliptic. The work of Dr. Zecharia Sitchin has demonstrated a harmonic relationship between the inner moons.

12.10.1 MAGNETIC ANOMALIES

1

Complex, unexpected magnetosphere. Originally, since Uranus doesn't show signs of a thick core, dynamo theorists did not expect it to have a magnetic field. In fact, it has a very complex magnetic field that was completely unexpected, which Pasichnyk insists is "showing more of the Field-dynamical Model than most other Voyager observations of the other planets."

2

Nested magnetic fields. Surprisingly, Uranus has a magnetosphere inside of another magnetosphere; and this is a clear sign of there being two main "nested" spherical energy fields that are interacting with each other.

3

Magnetic lines return before reaching equator. Among these two main fields, some of the magnetic lines of force are seen to "dive back" into the planet before reaching the middle point at the equator. This anomaly fits the Field-dynamical model as well by showing where the fields are interfering, canceling each other out and then being absorbed into the energetic core of the planet.

4

Convection and co-rotation. Just like the Earth, Uranus' magnetic fields show signs of a circulating convection flow, and the fields also rotate along with the planet's movement.

5

Magnetic field offset by 55 to 60 degrees. Dr. Dmitriev ascribes significance to the conventional explanation that this 55 to 60-degree offset, measured by Voyager 2 in 1986, is due to Uranus having had a recent magnetic pole shift; Pasichnyk disagrees. In the Field-dynamical Model we could think of this "offset" as actually a measurement of a very strong magnetic field at 30 degrees latitude, where we would expect it from the geometry of the icosahedron. Current magnetic models only expect to see a "dipole" field, meaning that a planet would have a north and south pole only; such multi-pole systems as this are not believed to exist on planets, but they have been observed in stars.

12.10.2 TIME-VARYING PHENOMENA

1

Polar radio emissions with six separate time-varying components. At the weak "North Magnetic Pole" of Uranus, we see a source of radio emissions that varies with solar emissions and has at least six separate components. This suggests a complex system that is partially being driven by the energy from the Sun, as we would expect.

2

Enhancements of proton and electron flows. In the down-streaming magnetosphere of Uranus, there will be repeating, periodic enhancements in the flow of charged protons and electrons. This is well accounted for in the Field-dynamical model.

3

Hydrogen column varies by a factor of two in 24 hours. The Lyman-alpha hydrogen column on Uranus is stronger than conventional models expect, and during the course of 24 hours it will vary by a factor of two; this is also an indication of a magnetic field in Pasichnyk's model.

12.10.3 LUMINOUS / ENERGETIC PHENOMENA

1

Auroral zones closer to "equator" than poles. Another surprise offered by Uranus is that the aurora do not cluster around the poles as we have seen in most other planets, including Earth. This suggests that even though Uranus rotates perpendicular to the Sun, the solar energetic currents are strengthening other areas of the magnetic geometry that are aligned with

the solar wind, thus causing the aurora to materialize around the equator.

2

Auroras are "self-excited." The auroras on Uranus are not correlated with solar activity for the most part; they are driven from internal processes and then disturb the upper atmosphere. We remember that Uranus does not show any evidence of a solid core, thus the idea of a Sun-like energetic center is the most likely explanation.

12.10.4 IONOSPHERIC / ATMOSPHERIC ANOMALIES

1

Anomalous high temperature in upper atmosphere. The upper atmosphere of Uranus reaches temperatures of 750 degrees Kelvin, which cause it to spread out fully 6,000 kilometers or 3,725 miles above the clouds.

2

30 percent of atmospheric heat from within Uranus. The high temperatures that have been observed in the Uranian atmosphere cannot be accounted for by solar radiation; we require there to be an internal source of heat and energy as the model suggests.

3

South Pole not hot enough. Since the Sun is always shining directly on Uranus' rotational south pole, we would think that it would be hotter than the rest of the planet. In fact, the planetary temperatures are fairly uniform, even at the darkest area in the North Pole.

4

Lowest temperatures at 30 degree latitudes. This again fits with the geometry of the icosahedron, as seen in the new model. Furthermore, the equator shows the highest temperature even though it is not facing the Sun as Uranus rotates.

12.10.5 STRUCTURAL / GEOMETRIC ANOMALIES

1

Double helix formation in the tail of field. Just as we would expect from spiraling vortex processes, in the tail of Uranus' magnetic field we find a double helix formation. The current names given to this are "airglow" and "electroglow," since the conventional explanation is that it is caused by electrons that are charging and reacting with hydrogen in the upper atmosphere.

2

30-degree convection cells with vertical winds. At either side of the 30-degree latitudes, Uranus shows convection cells. In these areas there is a significant blending of the clouds with the atmosphere, and there is wind shear seen in a vertical direction. The icosahedral geometry is very clear from analyzing this behavior, as the winds are normally expected to be only in a horizontal direction.

3

Counter-rotating winds and cloud layers. At the equator of Uranus, the winds

flow in the opposite or retrograde direction to the rotational direction, and the mid-latitude winds flow with the rotation. This is also seen on the Earth and shows the presence of counter-rotating energetic fields that drive atmospheric processes. Furthermore, as we move up in latitude we continually see counter-rotating areas, as with the Sun, Jupiter, Saturn and Neptune.

4

Mid-latitude chemical variations. Ammonia on Uranus is concentrated between the 15 and 45-degree latitudes, showing the focus at the 30-degree icosahedral center. The strongest amount of ammonia is seen between 30 and 40 degrees in the South latitude, and there is a noticeable absence of ammonia at the south pole. Furthermore, concentrations of methane gas are reduced at the 30 degrees South latitude, and this is what we would expect in the presence of charged "particle" flow from an energetically active center.

5

Radiation centered at 45-degree latitude. As lightning releases in the atmosphere of Uranus, it forms a radio emission known as the Uranian Electrostatic Discharge. This radiation centers around 45 degrees South latitude. There is also a region in the Southern hemisphere that is very energetically quiet, again showing geometric constraints.

12.11 NEPTUNE

Neptune is the second-to-last known planet from the Sun and has the fourth largest diameter of any planet. It is smaller in diameter than Uranus but also has a larger mass, with an equatorial diameter of 49,532 km and a mass of $1.0247e26$ kg. It was first conceived of by the study of various changes that occurred in the orbit of Uranus, and later observed by Galle and d'Arrest on September 23, 1846. Most of our knowledge of Neptune has come from the single encounter of Voyager 2 on August 25, 1989, which was later combined with other important observations from the Hubble Space Telescope. It can become the most distant planet in the Solar System when Pluto's eccentric orbit crosses inside of it. We now know that it is blue in color, has counter-rotating cloud bands and is believed to have a similar atmospheric composition as Uranus, with various "ices", rock, about 15 percent hydrogen and a slight amount of helium. It also appears to be uniform throughout its interior in density like Uranus. The blue color is believed to be from the absorption of red light by methane in the atmosphere, but other unknown qualities must be responsible to completely account for the degree of color that is seen.

Neptune also has the infamous Great Dark Spot at the tetrahedral latitude, which is about the same diameter as the Earth, and it also had white clouds that were observed to stream around it at that same "tetrahedral" latitude. This spot was seen to have apparently disappeared by the HST in 1994, only to be replaced by another in the Northern hemisphere a few months later, most likely at the "tetrahedral" latitude again. A small irregular white cloud orbits Neptune in only 16 hours and is now known as "The Scooter," and its nature remains a mystery. Neptune shows us four complete dark-colored rings with bright clumps, one of which has a twisted, helical structure. It has one large moon known as Triton and seven known moons that are much

smaller.

12.11.1 MAGNETIC ANOMALIES

1

Magnetosphere tilted 50 degrees from rotational axis. This observation, coupled with a similar condition on Uranus, has caused some scientists to rethink how magnetic fields are formed on planets. Again, the conventional explanation is that Neptune had a recent pole shift, due to the fact that Neptune and Uranus' fields are seen to be "magnetically conjugate." Pasichnyk again points out that this apparent 50-degree tilt could actually be an activation at the 40-degree latitude of the icosahedral geometry that is stronger than the polar regions.

2

Non-dipole magnetic characteristics. Once again, we do not see a uniformly smooth north-south "dipole" magnetic field, but rather a series of discontinuities like we see on Earth, as we would expect from the geometry.

12.11.2 TIME-VARYING PHENOMENA

1

Small scale features vary hour by hour. In the atmosphere of Neptune, certain features on a small scale have been seen to change on literally an hour by hour basis.

2

Changing of the Great Dark Spot. This complete turnaround of the Great Dark Spot feature from the South to North latitude in a matter of months, when Jupiter's Great Red Spot has been seen to remain constant for more than 300 years, certainly shows us that Neptune is capable of rapid change.

12.11.3 LUMINOUS / ENERGETIC PHENOMENA

1

Northern hemisphere now brighter than southern. At one point the southern hemisphere was brighter than the northern. Then from the late 1970s on, they were roughly equal. And now the northern hemisphere shows a greater brightness than the southern, as seen by the University of Hawaii's 2.2-meter telescope. According to Pasichnyk, "with a Field-dynamical Model this is no mystery."

2

Poles and equator warmer than mid-latitudes. This shows us signs of an internal energy source that is responsible for the planet's temperature changes. This is also seen in the behavior of other gas planets despite their differences in known internal heat mechanisms and total energy absorbed from the Sun.

3

2.7 times more energy radiated than received. Again suggesting the presence of a powerful internal energy source, Neptune radiates 2.7 times more energy than it receives from the Sun.

12.11.4 IONOSPHERIC / ATMOSPHERIC ANOMALIES

1

Neptune spins too fast. The conventional model had accounted for Neptune's higher energy radiance by proposing a 17-hour orbit where the mixing of the planet's interior is directly related to how much heat is released. With the "Scooter" cloud actually showing us a 16-hour orbit, the "mixing theory" does not add up, again suggesting the internal energy source proposed in the Field-dynamical Model.

2

Atmospheric speed variations. In lower latitudes near the equator, Neptune's atmosphere is subrotating, meaning that it moves slower than the speed of the planet's rotation, whereas at higher latitudes it is super-rotating, moving faster than the planet's assumed rotational speed.

3

Fastest winds in the Solar System. In certain areas, Neptune's winds appear to blow at a tremendous 600 meters per second, or about 1,340 miles per hour; much higher than a Category Five hurricane on Earth. As Pasichnyk remarks, since Neptune absorbs much less sunlight and energy than other planets, "There is no question that these winds are powered by an internal and powerful energy source."

12.11.5 STRUCTURAL / GEOMETRIC ANOMALIES

1

Mid-latitude spots with evidence of particle flow. The geometry of the fields in this new model perfectly accounts for the observation of these mid-latitude spots.

2

Great Dark Spot changes. To have this spot disappear in one geometric area and then reappear on the opposite hemisphere is certainly indicative of a more complex energetic system that is at work, capable of rather rapid changes.

3

"Scooter cloud" 16-hour rotation. Such a high-speed cloud with a small size would certainly be possible as being indicative of a rotating geometric energy node.

4

Helical formations in rings. Again, the observations of "kinks" or "braids" in the rings completely defies explanation if they are being formed by gravitational forces alone.

12.12 PLUTO

Due to its extreme distance from the Earth and relative lack of study, there are less anomalies to report with Pluto, so we will move away from our standard five-category format. Pluto is usually the farthest planet from the Sun and much smaller than all the others at a diameter of 2274 km. This actually makes it smaller than seven of the moons in the Solar System,

including Earth's Moon, Io, Europa, Ganymede, Callisto, Titan and Triton. For this reason, some have pushed for it to be downgraded from a planet to a large comet or asteroid, but this is unlikely to happen. It has a mass of 1.27×10^{22} kg and was discovered in 1930 by Clyde Tombaugh. It has yet to be visited by any of our spacecraft, and even the Hubble Space Telescope can only make out its most obvious surface characteristics. Its moon Charon was discovered by Jim Christy in 1978, and by watching how the brightness of the two bodies changed as Charon moved over Pluto, our scientists were able to construct a rough map of light and dark areas on both objects. Pluto has a very high degree of contrast between these light and dark areas, more than any other object in our Solar System except the moon Iapetus. This is considered an anomaly that is worth investigating as a high priority for the proposed Pluto Express mission, which now appears to have been scrapped in the new Presidential budget of 2001.

One interesting observation is that Pluto's areas of higher temperature roughly correspond to areas that are darker in appearance. It is speculated that "the composition of the darker areas of Pluto's surface is unknown but may be due to primordial organic material or photochemical reactions driven by cosmic rays." Pluto's equator appears to be at an almost 90-degree angle to its direction of orbit, like Uranus. Most interestingly, Pluto's orbit is exactly 1.5 times longer than Neptune's, giving it a harmonic resonance ratio of 3:2 with the orbit of Neptune, even though they do not revolve around the Sun in the same plane due to Pluto's offset orbit. Furthermore, Pluto and Charon rotate synchronously, meaning that they always keep the same face toward each other, just like the Earth and its moon.

Pasichnyk reminds us that Pluto's ice caps only grow to the equator and a reddish band exists along the equator, thus suggesting a ring phenomena. Furthermore, the distribution of dark spots show latitude-restricted phenomena as well, which is expected in this model.

12.13 RECAP

Due to the length of this chapter and its already highly organized structure, we will keep this recap short and discuss its implications in the next chapter.

12.1 The enigmas of Mars that possibly indicate artificial structure were first called to the world's attention by the efforts of Richard Hoagland.

12.2 Hoagland and other researchers including Erol Torun determined that the Martian city Cydonia had encoded the mathematics for the tetrahedron inside a sphere throughout itself in many different ways, relating to the geometric placement of objects to each other. This includes the placement of Cydonia being a symbol for the tetrahedron.

12.2.1 The geometry of the circumscribed tetrahedron is seen at energetic upwellings all throughout the Solar System, and possibly as a bright spot on the star Betelgeuse as well. These upwellings are usually volcanic on solid planets, atmospheric vortexes on gas planets and related to sunspot activity on the Sun.

12.3 We suggest that the geometry seen in the icosahedron and tetrahedron, as related to planetary energy fields, has to do with the properties of

vibration. This also allows the CU to relieve some of the stress that is seen between its north-south poles when it is flowing in a “polarized” fashion, which we have shown as creating highly intense gravitational and energetic forces that could not support a planet.

12.4-.12 From here, we move through an organized description of the data of Richard Pasichnyk and the Field-dynamical Model, which clearly shows us the processes of the CU throughout the Solar System. We make two important points. The first is that the energetic phenomena will be time-variable, and this is due to the fact that the planets are affected by their relative positions to each other and the rotational action of the Fields themselves. The second important point is that planetary rings are formed by there being two fields that work together on the planets. These two fields are seen to counter-rotate and also lead to the observation of energy flowing in both directions at both poles. When the fields intersect, they form a perfectly flat plane at the planet's equator. This is what is actually responsible for planetary rings, and it was demonstrated in the laboratory by Walter Russell's experiment involving two cone-shaped magnetic fields.

CHAPTER 13: ET WISDOM: GEOMETRY, VIBRATION AND HIGHER DIMENSIONS

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13.1 THE LINK BETWEEN DIMENSIONS, GEOMETRY AND VIBRATION

By now we should be more than ready to have a full disclosure about the meaning and importance of Platonic Solid geometry in understanding the multi-dimensional properties of "consciousness units," as we have seen on the Earth. To recap, our term "consciousness unit" (CU) refers to an area where the energetic, conscious "aether" or zero-point energy bleeds through into our physical space and time, taking up the form of a luminous sphere of electromagnetic energy that has a hole through the middle, which forms a north-south rotational axis. From the last two chapters, we now know that these spherical energy formations are seen to have geometric vortexes within them as well. This information comes from scientific investigations of planetary behaviors as well as a straightforward mathematical analysis of the "tetrahedral" angles and ratios between the various objects located in the Cydonia area of Mars, which appear to be artificially created.

Straight-lined formations like these are usually thought to be manmade objects only, certainly not a part of nature, and thus for most of us the information in this chapter will be very unique. We have never tried to insinuate that any of the planets have gigantic, physical crystals in them, only that this is a shape that is formed by energy as it flows through the CU, which in turn forms the planet. We are not accustomed to thinking of sound or color as having hidden geometric shapes in their vibration, and yet this is exactly what our research has now led us to conclude.

13.1.1 INTERDIMENSIONAL VORTEXES

In the last two chapters we have seen how all the planets show signs of having energetic upwellings at certain geometric points that are defined by shapes such as the icosahedron, dodecahedron and tetrahedron. Energy streams in and out of the poles, with what seem to be two counter-rotating fields that join together to form these geometric patterns on the planet's surface. (We will cover the how and why of this joining action in later chapters.) Luminous core material similar to the Sun is likely to exist inside the planets, and the problems with the dynamo model actively call for a better solution. Returning to our discussion of the geometric areas themselves, on Earth we have seen that these areas can also have a powerful effect on the "vibrational" state of physical matter as well as the conditions of space and time. In short, it seems that:

These geometric nodal areas are somehow "interdimensional" vortexes of energy.

We have already speculated that this is because "higher dimensions" are simply areas that are all around us, where the aetheric energy is vibrating at a higher frequency than it is in our own level of focus. Now that we have seen the geometry of the tetrahedron, icosahedron and others throughout the entire Solar System, we should expect that all the planets are creating these

gravitational and inter-dimensional vortexes of space and time in the same fashion.

Interestingly, in the Law of One series from the alleged extraterrestrial group known as Ra in 1981, very specific information is given about the understanding of vibration as being the key “missing link” in understanding higher dimensions. They do not like to use the word “dimensions” but instead refer to them as “densities,” meaning that they are different densities of the One Unified Aetheric Energy Source that we have already written of in this book. The first quote relates the densities to vibrations of sound, and the second to vibrations of color:

RA: The term density is a, what you call, mathematical one. The closest analogy is that of music, whereby after seven notes on your western type of scale, if you will, the eighth note begins a new octave.

RA: The nature of vibration is such that it may be seen as having mathematically straight or narrow steps. These steps may be seen as having boundaries. Within each boundary there are infinite gradations of vibration or color. However, as one approaches a boundary, an effort must be made to cross that boundary. These colors are a simplistic way of expressing the boundary divisions of your density. (B2, 42)

In the next quotations from Ra, we can see that they are aware of the geometric energies that we have observed on the planet as well, in keeping with the idea of higher dimensions being related to a fluidlike vibration:

RA: Imagine, if you will, the many force fields of the Earth in their geometrically precise web. Energies stream into the Earth planes, as you would call them, from magnetically determined points. (B1, 81-82)

RA: Love creating light, becoming love/light, streams into the planetary sphere according to the electromagnetic web of points or nexi of entrance. These streamings are then available to the individual who, like the planet, is a web of electromagnetic energy fields with points or nexi of entrance. (B1, 144)

Quotations from the Jane Roberts book *Seth Speaks*, from sessions conducted in 1968, clearly point to the tips of geometric objects as interdimensional “streaming points” as well, and go into further detail than Ra in certain respects:

...Other kinds of consciousness coexist within the same “space” that your world inhabits... You do not perceive them, and generally speaking they do not perceive you. This is a general statement, however, for various points of your realities can and do coincide, so to speak.

These points are not recognized as such, but they are points of what you could call double reality, containing great energy potential; coordinate points, indeed, where realities merge. There are main coordinate points, pure mathematically, sources of fantastic energy, and subordinate coordinate points, vast in number.

[Note: These “mathematically pure” points that Seth refers to are actually the

tips of the Platonic geometries that we have been discussing. And the merging of realities is clearly seen in the Bermuda Triangle. Also, Seth could be speaking about the fact that two different fields are merging at these points to create their vortex qualities, hence the use of the word “double.”]

(Long pause at 9:29.) There are four absolute coordinate points that intersect all realities.

[Note: The only Platonic Solid that has four points is a tetrahedron. Seth’s quote here suggests that the tetrahedron is somehow “more important” than the other geometries, as Hoagland also believes from the Message of Cydonia, and later we’ll see why this is so.]

These [geometric] coordinate points [in general] also act as channels through which energy flows, and as warps or invisible paths from one reality to another. They also act as transformers, and provide much of the generating energy that makes creation continuous in your terms. (Many pauses.)

[Note: As the work of Richard C. Hoagland and The Enterprise Mission has shown, the points of the tetrahedron are indeed the source of tremendous energy upwellings in planets, such as the Great Red Spot on Jupiter. And again, the points of the icosahedron on Earth are clearly demonstrating warps from one reality to another. As a general rule, when there are many pauses in Jane’s speech patterns as Seth, it means that she is in an extremely deep level of trance to bring forth the information.]

Your space is filled with these subordinate points, and as you will see later, these are important in allowing you to transform thoughts and emotions into physical matter. When a thought or emotion attains a certain intensity, it automatically attracts the power of one of these subordinate points, and is therefore highly charged, and in one way magnified, though not in size.

These points impinge upon what you call time, as well as space. There are certain points in time and space, therefore, (again in your terms), that are more conducive than others, where both ideas and matter will be more highly charged. Practically speaking, this means that buildings will last longer; in your context, that ideas wedded to form will be relatively eternal. The pyramids, for example, are a case in point.

[Note: This may seem confusing now, but later we will see how these geometries do affect time as Seth is suggesting here. Seth’s quote about matter being stronger at these points is in keeping with our observations that matter is far more flexible than we have ever believed. Under different circumstances such as those of a tornado, matter can change phase to become weaker, and now Seth is telling us that the same forces, in a less chaotic form, can strengthen it as well.]

(Slow at 9:43.) These coordinate points – absolute, main, or subordinate – represent accumulations or traces of pure energy, minute to an extreme if you are thinking in terms of size – smaller than any particle of which your scientists know for example, but composed of pure energy. And yet this energy must be activated. It is dormant until then – and it cannot be activated physically.

[Note: This is exactly what we will find out at the beginning of Part Two – at the smallest subatomic level, geometry is the hidden key to the “pure energy” of the aether.]

(9:50.) Now: A few clues here that might help you, or mathematicians. There is an ever-so-minute alteration of gravity forces in the neighborhood of all of these points, even of the subordinate ones, and all the so-called physical laws to some extent or another will be found to have a wavering effect in these neighborhoods. The subordinate points also serve in a way as supports, as structural intensifications within the unseen fabric of energy that forms all realities and manifestations. While they are traces or accumulations of pure energy, there is a great difference between the amount of energy available in the various subordinate points, and between the main and absolute points... (session 524)

[Note: This prediction bore itself out in the observations of the Oregon Vortex, which is obviously one such area of energetic charge. Gravity did make a noticeable change within the vortex, as well, as the passage of time and the sizes of physical objects.]

Therefore, in the areas such as Sanderson’s twelve vortices of the icosahedron on the Earth, the extraterrestrially-derived information tells us that these bizarre effects are showing us cases where the fluidlike, vibrating aether is bleeding through to our reality at a higher level of density than the energy that is normally around us. And if that energy is at a higher “density,” then it would transform all matter in its vicinity, including human life, into a higher density as well. And here we have a very convenient, new explanation for the phenomena that we have already been investigating.

Ra’s idea of “higher dimensions” being part of an Octave of densities actually makes very good sense and answers many current paradoxes of science. Then, all we have to do is see that there is one single “aether” throughout the universe, and it follows the basic patterns of music and vibration to differentiate itself. This completely explains many long-standing mysteries, as we will again explore in the next chapter. Seth makes this point as well:

Now anything that appears in physical terms also exists in other terms that you do not perceive. You only perceive realities when they achieve a certain “pitch,” when they seem to coalesce into matter. But they actually exist, and quite validly at other levels... (session 530)

[Note: Notice the use of the word “pitch.” It is not at all a simple metaphor, but a very accurate statement of the Harmonic Universe and its function with aetheric energy densities.]

Yours is not a system of reality formed by the most intense concentration of energy, therefore. It is simply the one you are tuned into, part and parcel of. You perceive it simply for this reason.

Other portions of yourself, therefore, of which you are not consciously aware, do inhabit what you would call a supersystem of reality in which consciousness learns to handle and perceive much stronger concentrations of energy, and to construct “forms” of a different nature indeed... (session 530)

And another quote:

You understand that there are spectrums of light. So are there spectrums of matter. Your system of physical reality is not dense in comparison with some others. The [three basic] dimensions that you give to physical matter barely begin to hint at the varieties of dimensions [that are] possible... (session 567)

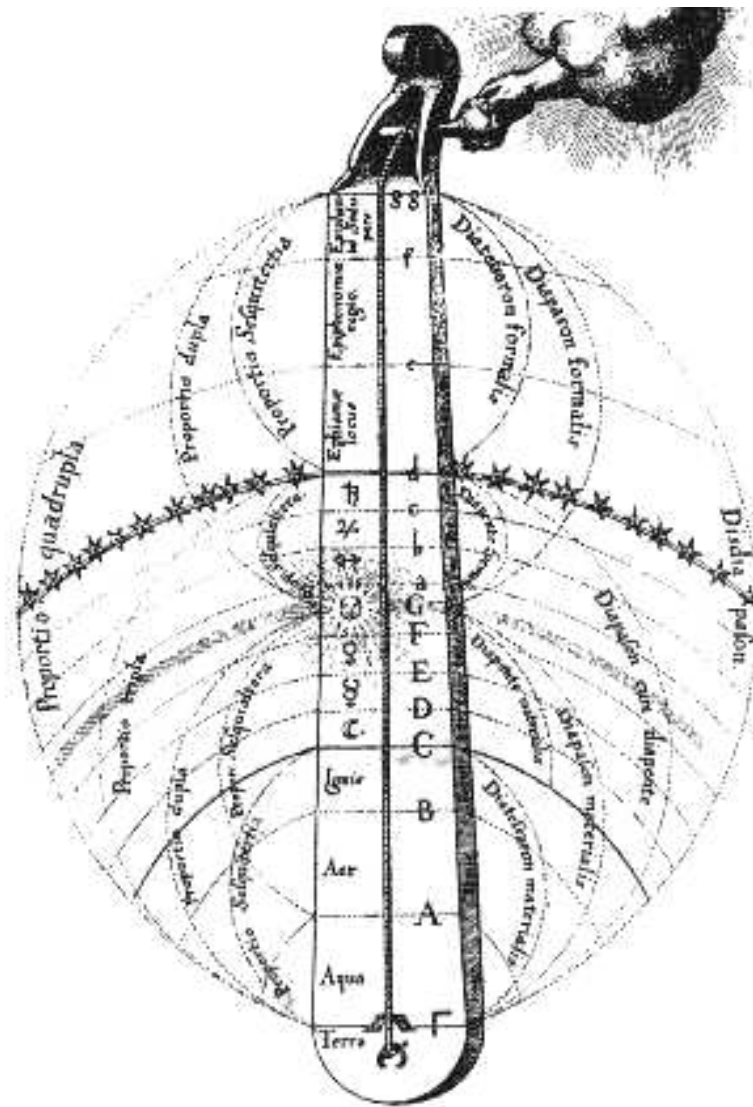
So here, we again have the analogy of "spectrums" of dimensions – in other words, existing within an Octave structure. Matter itself, being formed of aether, must also be subject to its changing vibrational levels, and thus potentially be able to move from one reality to another. This could explain how tornadoes are able to fuse solid objects together, and why disappearances occur in the icosahedral vortices on Earth. Furthermore, Seth and Ra both insist that our consciousness is the key link that connects us with these other levels of reality; we are, in fact, multi-dimensional beings who have lost our awareness of the "big picture."

Bearing that in mind, an investigation of the properties of light, sound and geometric vibrations and how they work together is very well suited to our discussion at this point. This will be general material, but it is vital for us to have it in this form before we proceed into the next chapter of discussion on the dimensions. Both Seth and Ra suggest that we need to explore these interconnecting properties of vibration more closely in order to find our deepest answers.

13.2 SOUND

The easiest and most familiar way to study vibration is through sound. Any musician will tell you that all vibrations of sound are grouped into octaves, and we know that "oct" means the number eight. In an octave there are seven fundamental "nodes" of vibration followed by an eighth. The eighth note has two purposes, in that it not only completes one octave but it also begins the next.

Greek mathematician and philosopher Pythagoras, through a straightforward process of repeatedly dividing a frequency by five, is credited as being the first to devise these eight "pure" tones of the octave, known as the Diatonic scale. He started by taking a single-stringed "monochord" instrument and measured its exact lengths when different notes were played.



From Fludd's *De Musica Mundana*.
 THE MUNDANE MONOCHORD WITH ITS PROPORTIONS AND INTERVALS.

Then, just like playing a guitar, he pressed his finger down on different lengths of the string and strummed it to get different notes. Each note that he played would divide the string into two different sections, and the relative lengths of the two sections would then be measured and written down for each note. Pythagoras then showed that the frequency (or vibrating speed) of each note could be represented as a ratio between the two string lengths, or two numbers – hence the term “Diatonic ratios.” Further research in dividing by fives led him to construct the Octave as the simplest grouping of the various ratios involved, such as 1:1, 2:1, 3:2, 5:3, 13:8 and 21:13.

We can see the Diatonic scale on a piano as the white keys, providing that the beginning note in our octave is a C. The piano has black keys as well, and when they are included, there are a total of thirteen notes in the Octave, with the thirteenth note also being the first note in the next octave. These thirteen notes are known as the Chromatic scale, and most of the world’s music will consist only of notes that fit somewhere within this scale; therefore almost all possible songs can be played on a piano. (As one exception, Indian music will use notes that do not fit in a chromatic scale, called quartertones or microtones.)

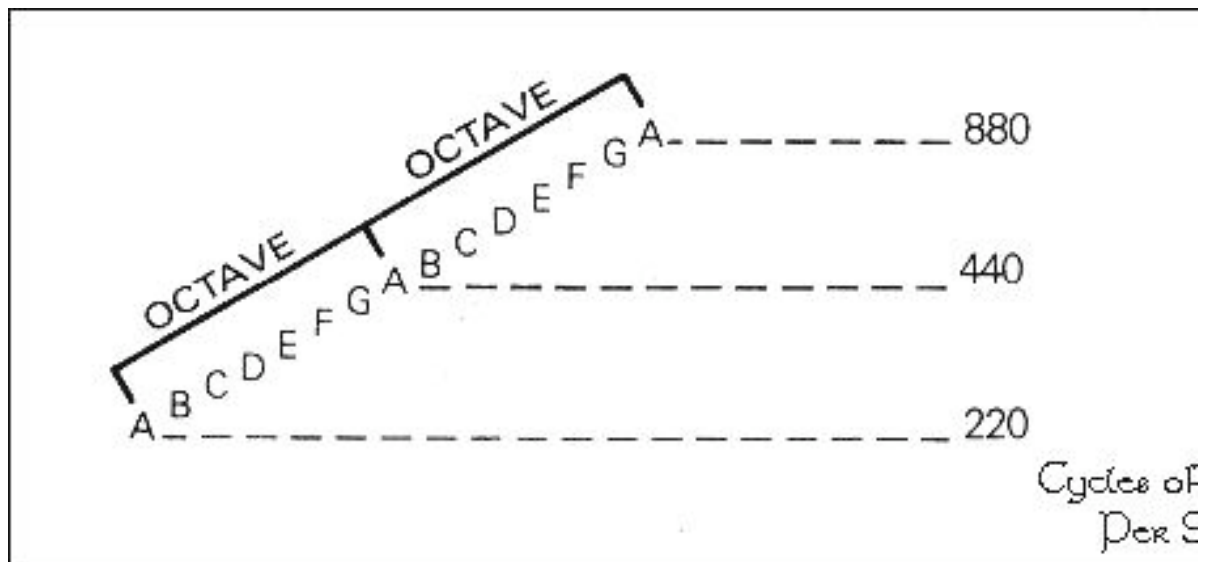
Mathematics aside, the most basic reason why the number eight was chosen instead of thirteen for the "octave" grouping of musical notes is that all eight "diatonic" notes will sound pleasant together; in other words, they will be harmonic. You can play a song on the white keys of the piano and it will always sound like music, regardless of what notes you play. However, if you experiment with the chromatic scale without knowing what you are doing, painful dissonance is most likely soon to follow and anyone else in the room will quickly ask you to stop.



Mathematically, the highest note in an Octave has a vibration speed or frequency that is twice as fast as the lowest note, and that is the most basic way to see how an Octave organizes one full group of sound vibrations.

Every note, whether A, B, C, D, E, F or G, will be doubled in its value in the next octave.

Since the octaves are continually doubling in their vibration, there are only a handful of octaves within the range of human hearing. Above a certain point the vibrations will become too fast for human ears to detect, even though they will still exist all around us.



13.2.1 ALL POSSIBLE VIBRATIONS

So, just as the alphabet encompasses all possible words in our language, the octave structure encompasses all possible vibrations of sound, and reveals the simple way that they fit together. Chaos theory might call the Octave an "attractor," meaning that all vibrations of sound, however "chaotic" or random they might be from one to the next, must be 'attracted' into the Octave structure. But what about other non-musical sounds like the wind, you ask? How could the sound of wind fit into an Octave of musical notes? "White Noise" is a technical term for high-speed, randomly scattered fluctuations of sound

frequency that do not produce any apparent tone, but rather create a hissing noise like you would hear in the air escaping from a tire. Although there may be thousands of overlapping frequencies in this noise, we know that once they are all properly isolated, every one must automatically be part of an Octave on some level. There are simply too many different tones occurring too quickly for our ears to discern one from another.

13.2.2 SOUND IS SIMPLY A VIBRATION OF AIR

From a scientific point of view, a sound is defined as nothing more than a vibration of molecules of air. Mathematically, we measure sounds in terms of how many times air vibrates in one second of time. This gives us a numerical value, and thus anyone who has ever played a stringed instrument knows that the average tuning fork will say "A 440." This means that the note that we call A is recognized as nothing more than 440 vibrations of air in one second of time. A different note would have a different number, and therefore 440 vibrations of air per second must always be an A. That's all there is to it. And later, we will see that these "harmonic" number values are of tremendous importance in measuring and analyzing the behavior of the aether.

DIATONIC SCALE NUMERICAL FREQUENCIES:

288
324
360
384
432
480
540
576
D
E
F
G
A
B
C
D

(Note: "A" slightly adjusted- explained later)

Providing that you are not in a total vacuum, the density or composition of the air that is vibrating does not matter either, as a musical instrument will sound the same on top of Mount Everest, where the air is thinner, as it would at sea level where the air is much denser. However, even the air itself is not necessary; all we need is something, anything, that vibrates. For example, we can hear these same sounds underwater, such as in the songs of the whales. The metal on a tuning fork, when struck, can create sound just by holding the base of the fork to your skull and allowing it to resonate through your body.

So the medium itself does not directly affect the tone or pitch of the sound; the vibrations can occur in clean air, dirty air, clean water, dirty water, metal, flesh, bone or other forms as well, including cloth fiber, as in the case of the old-fashioned "telephone" composed of two tin cans connected by a long string. In that case, when the string is pulled tightly between the two cans and

one person talks into their can while the other listens, the string will also carry the sound vibrations along in the same fashion, though they will be distorted. In short, the vibrations of sound do not just occur in air – they fundamentally vibrate through everything. Hearing sound is simply a way for us to directly perceive and experience vibrations.

Even though we are accustomed to thinking of these fundamental sound vibrations as only having meaning and importance to our ears, this book has already started showing us that these simple vibrations of the Octave underlie all of reality as we know it. The unseen 'incompressible fluid' of the aether, or the "spiritual energy" that forms the Ultimate Being of our universe, can be unequivocally shown to vibrate according to these principles, as we have already seen on the planets. And thus, just as the Hindus had proposed the idea that the AUM is the primal sound that formed the Creation, we can now see that sound constructs the Universe, and music is a way for us to physically hear and experience the essence of God itself. We ourselves are ultimately composed of living, dancing musical waveforms; God's creation. Without music in our lives, we deny ourselves the very inner knowledge and enjoyment of our own existence.

13.3 LIGHT

An identical level of this octave of vibration occurs in the visible light spectrum, where we have white light that can be broken down in a prism or rainbow into seven colors – red, orange, yellow, green, blue, indigo and violet – before starting a higher level or octave of vibrations, such as infrared and ultra-violet. And we now know that the frequency of visible light, as a rippling "disturbance" of fluidlike aetheric energy, is simply on a higher octave of vibration than the frequencies of sound in the musical octave. To put it more simply, you could take the numerical ratios between each note in the musical Diatonic scale and double them many times over, and eventually you would find the same, identical ratios between the vibrational speeds of the light spectrum. The only difference between them is the magnitude; sound is vibrating much more slowly, whereas light is vibrating much more quickly.

OCTAVE
FREQUENCY

NOTE

COLOR

48

316659348799488

D

56241767399424

E

375299968947541

F

INFRA-RED

422212465065984

G

RED

474989023199232

A
ORANGE-YELLOW
534362651099136
B
YELLOW-GREEN
562949953421312
C
GREEN
49
633318697598976
D
GREEN-BLUE
712483534798848
E
BLUE-VIOLET
750599937895082
F
VIOLET
844424930131968
G
ULTRAVIOLET
949978046398464
A

From Dale Pond's Physics of Love: "The above relationships are derived by computing Pythagorean frequencies and intervals beginning in the audio range of sound. Although there are many shades of, say, Green ranging from above B to below D there is really only one C at 512 cps in the lower audio octave. These colors pertain to pigments and not to hues of light which would be C=Red, D=Orange, E=Yellow, F=Green, G=Blue, A=Indigo and B=Violet.

13.3.1 LIGHT SPEED

When any of the light frequencies or wavelengths travel through space, they move at what most believe to be a constant speed, cited as roughly 186,000 miles per second. However, this observation does not see light as conducting through the aetheric medium at a given speed. Most think that nothing in the universe can exceed this rate, so the speed of light or "c" is the fastest movement or vibration that we normally recognize from our perspective here on Earth in the third dimension. New sources suggest that "c" is only the fastest vibration under natural conditions in the third dimension. As published in the New York Times in May of 2000, abnormal conditions in the laboratory, such as a tube with cesium gas under high pressure that is illuminated by light coming in "sideways", can create light speeds up to three hundred times faster than "c". This is identical in form to Bearden's "scalar wave interferometry" experiments.

So if we were to group all possible vibrations together in a chart, we would have a complete lack of motion on the bottom of our graph, and the speed of light on the top. In this way, light speed defines the edge or the boundary of vibrations in our reality. Unlike what Einstein suggested, moving an object to light speed may not create infinite density in matter; instead sources such as Ra would categorize light speed as the peak of vibrations in the third density,

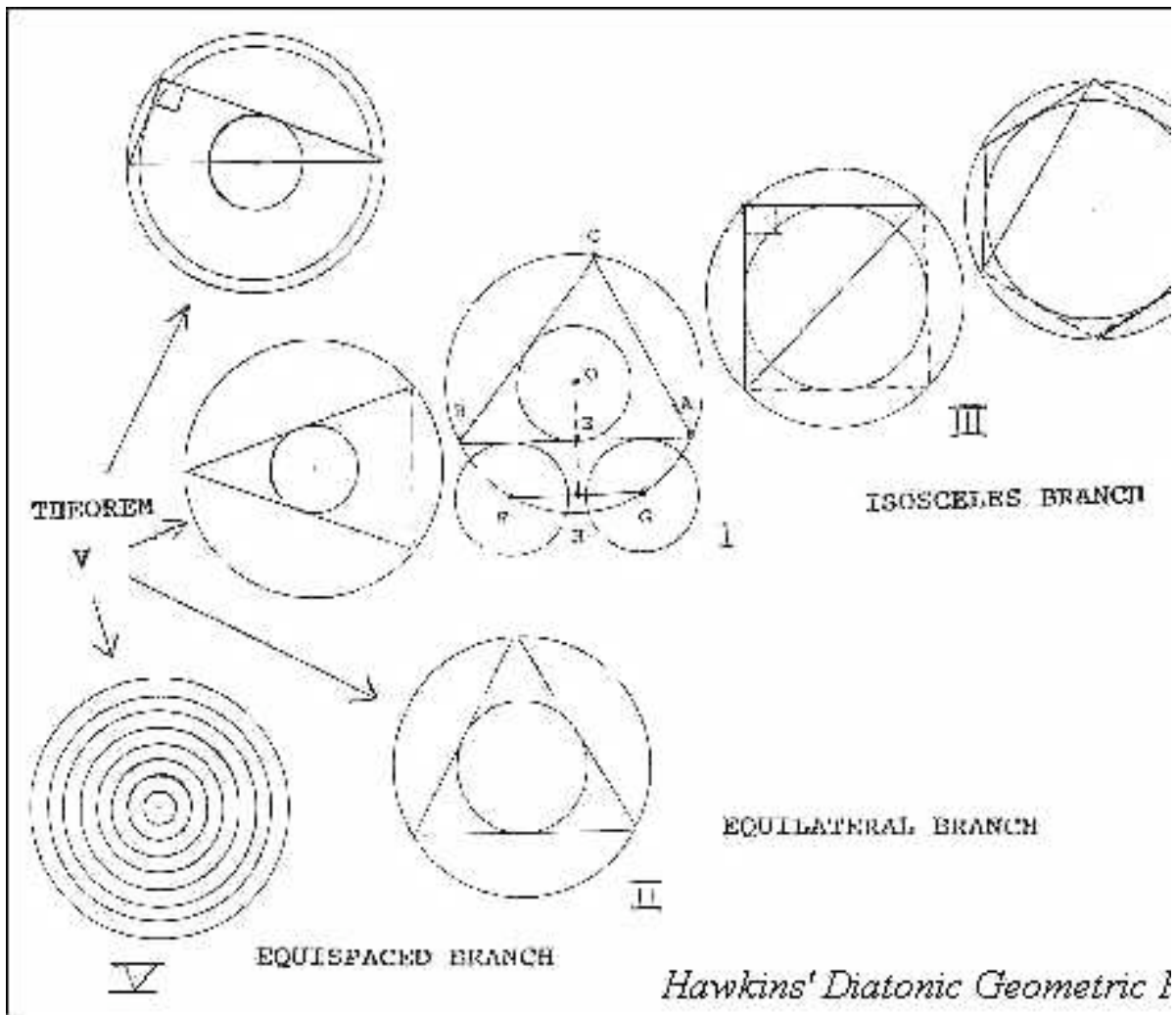
or dimension. If we move into an area or "domain" where aether moves at a higher speed, then light speed changes and matter naturally "focuses" into this new vibrational level. This conforms with observations of tornado anomalies and vortex anomalies alike, which show space, time and matter changes.

The very first words of the book of Genesis in the Bible are, "In the beginning, God said, 'Let there be light,' and there was light." Ultimately, we can demonstrate that all vibrations that create our universe are simply different forms of this one unified conscious energy. Without wearing and seeing the bright reds, blues, greens, yellows, purples and oranges of Light around us in daily life, we deny ourselves the very inner knowledge and enjoyment of our own existence. A life without color is indeed "dull" and "gray," "gloomy" and "black."

13.4 GEOMETRY

Geometry completes the basic triad of our perception of the fundamental building blocks of vibration in the Universe – that triad being light, sound and geometry. With the geometries that we have already been discussing, the sounds of music and the colors of the rainbow suddenly spring into physical form. Suddenly, the abstract concepts of harmony and color reveal structures composed of straight and curving lines that we can then make models with and build things out of. Although we can see color and hear sound, we do not normally think of a physical geometric shape in two or three dimensions that would precisely represent these vibrations. However, numerous researchers such as Gerald Hawkins, Buckminster Fuller and Hans Jenny have shown that sound vibrations will form specific geometric patterns, providing that what you are vibrating is visible instead of air, which is normally not visible.

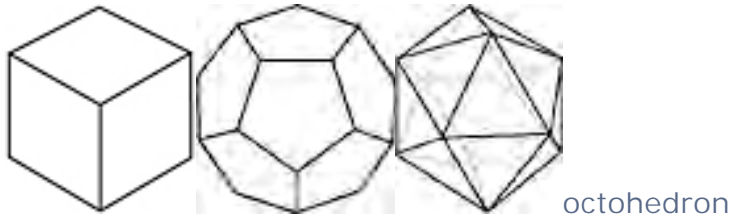
Gerald Hawkins did not actually arrive at his findings through studying vibration. In his case, he was led to make his discoveries after spending years investigating the "crop circle" phenomenon, where complex geometric patterns would show up overnight in various grain crops around the world, usually visible only from the air. After studying hundreds of these formations, Hawkins realized that certain patterns were repeating themselves, and the underlying unity among these patterns was expressed by taking simple two-dimensional geometric shapes such as a triangle, square and hexagon and fitting them precisely inside of a circle, so that all tips of the shape perfectly touched the circle's edge. To his amazement, the surface area of the inner geometries, when divided against the area of their outer circles, showed the exact same relationships responsible for the vibrations of music in the Octave – the "diatonic ratios" that we mentioned above. This is exactly what Pythagoras demonstrated with his one-stringed "monochord" instrument, only now instead of a ratio of string lengths, we have a ratio of geometry that indicates the same thing. He realized that this was a totally new and unrecognized set of theorems in geometry, and not a single academic authority who he consulted with was familiar with these concepts. So in two dimensions, we can understand sound as being a "flat" geometric vibration, such as a triangle, that emerges within a "flat" circle.



13.4.1 FULLER'S BALLOON

Although Hawkins' work came about in the 1980s and only covered two dimensions, decades-earlier experiments by students of Dr. Buckminster Fuller were the first to prove that sound vibrations are innately three-dimensional in their structure. Fuller's students later used a spherical white balloon in order to achieve this effect, dipping it in a bath of dark-colored dye and vibrating it with pure Diatonic sound frequencies. As expected, the dye would only be able to collect and stain on those areas of the balloon that were experiencing the least amount of movement. These areas were evenly spaced "nodes" or points where all of the violent motions on the surface of the balloon canceled themselves out to a "null zone" where the dye could easily accumulate. Furthermore, faint and perfectly straight lines of dye could be seen connecting these nodes together. In this manner, sounds became directly visible as simple three-dimensional geometric shapes that formed crisscrossing straight lines over the balloon itself.





star tetrahedron
 cube
 dodecahedron
 isocahedron

The "Platonic" Solids were revealed as sound vibrations in experiments inspired by Buckminster Fuller.

When looking at these shapes, we remember that they all fit perfectly within a sphere and that their tips are the "nodes" that were first detected. It is also important to remember that the sphere itself is the most harmonic shape of all, forming the foundation for all the other geometries within itself.

13.4.2 CYMATICS

Dr. Hans Jenny was captivated by the findings of Fuller and his students that vibrations were three-dimensional, and he sought to prove it in ways that were simpler and less cumbersome than using a balloon dipped in dye. In Dr. Jenny's scientific study known as "Cymatics," he showed the geometry of sound vibrations using thin containers filled with media such as sand, Lygodium mold spores, wet plaster and various forms of liquid that had extremely tiny but visible particles or "colloids" floating in them. The experiments with colloidal liquid are of the greatest interest to us in this book. At rest, the colloids would be evenly distributed throughout the liquid, which would then appear to resemble cloudy water. Dr. Jenny refers to this state as "hydro-dynamic dispersion." When the container was vibrated with pure, Diatonic sound tones, however, the particles in the liquid would gather into orderly and discrete visible geometric patterns – many of which could be seen as both two and three-dimensional in their structure. In other words, one could look at the images that were formed and clearly perceive depth within them – they were not simply "flat." This is one of the most important things to study and remember in our entire book so far, as it provides an irrefutable, visual proof of the concepts that we have discussed.



Example of Hans Jenny's Sound Vibrations in Colloidal Water Mixture

As pictured before, there are only five basic three-dimensional shapes to consider, and we know them as the Platonic Solids, since Greek philosopher Plato is credited with devising them. It is important to be very clear that when we look at these shapes, we are literally seeing vibration. The shapes themselves may not "exist" like a physical object, as like a hologram, if you tried to grab them or disturb them they would simply disappear, the vibrations then rippling around your fingers. Nevertheless, while undisturbed, the shapes do have an existence as a vibration that is very real – and that existence can also create pressure, similar to the push that you feel on your body from a very loud sound or clap of thunder. Now that we have seen these shape vibrations operating in the fluid-like aether, we know that their pressure-inducing force lines give us a dramatic new view of the dynamics of gravity. With the redundant, obvious ways that these geometries mold the surface structural features of the Earth, such as continents, undersea ridges and mountain ranges, we can never be blinded to the truth again. It is only a matter of time before this simple observation will become common knowledge within the mainstream of humanity.

It is also very important to mention that when Fuller's students increased the frequency in the balloon or Jenny increased the frequency in the water, the older forms would dissolve and disappear, and a more highly complex geometric form would take its place. This also could work in reverse, as when the frequency was turned back down to its original point, the original geometry would re-emerge in precisely the same shape. So therefore, when studying the dynamics of the aether we will see that when you increase the vibrational frequency (or stress) of energy in a local area, the geometry itself in that local area, such as that which molds the Earth, will spontaneously transform into a higher order of complexity. And this raising and lowering frequency effect occurs all throughout the Creation – including the bodies within our own solar system as it moves through the Galaxy. Dr. Spilhaus' work has shown us that our own gravitational field here on Earth has already

been through several such transformations since the time of the original “mega-continent” Pangaea, which actually represents the time when Earth had a uniform crust – prior to the enlarging movement now seen in the science of Global Expansion Tectonics, which began well back in 1933 with Otto Hilgenberg.

13.5 SPIRALS

And so, the simple geometric patterns formed by sound vibrations (and therefore light vibrations on a higher magnitude as well) can be seen in both two and three dimensions, and the two-dimensional forms such as the triangle, square and hexagon discussed by Hawkins are probably more familiar to us than the three-dimensional forms revealed by Fuller and Jenny, though we have now seen these geometries at work in the planets. Very importantly, these vibrational geometries can also grow and contract in size, and simple, visible geometric structures organize and control these movements as well. When we start fitting these shapes inside of each other, they indeed form a “nested” appearance, with each successive shape growing harmonically larger than the one before it. We will show more of this as we go along. This “sphere within sphere” geometry has already been seen in various experiments, and now we can expect the various geometric harmonies to exist inside these expanding spheres as well.

The simplest way to model the geometric expansion from one shape to another is by tracing out how the nodes move relative to each other. We remember that on Earth, the expanding geometric movements have been called “radial” or “spiraling” by Spilhaus and others. The simplest way to chart the movement from node to node between two different shapes would be with a spiraling line, which Ra calls “the spiraling line of light.” These spirals include the Fibonacci or “Golden Mean: as well as the spirals created by the square roots of two, three and five. We will now show that these spirals are directly related to musical frequencies through mathematics.

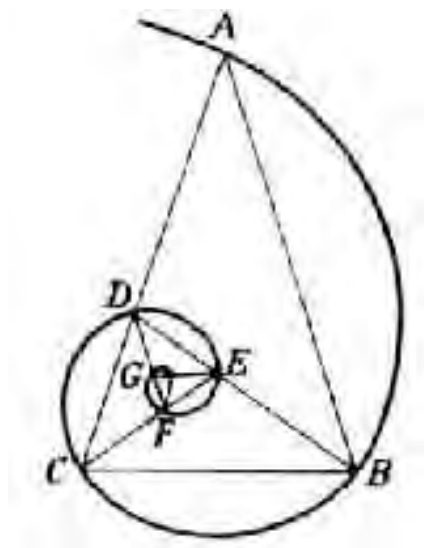
13.5.1 THE PHI SPIRAL

Fundamental to all studies of spirals is the most important of them all, known as the Golden Mean, Fibonacci or “phi” spiral. To best understand this spiral, we start with the innately harmonic, vibrational way that it is created through number summing. Essentially, we will see that each new number is the sum of the previous two. Typically we start with one and add it to itself. That gives us a product of two. Then we take two and add it to the number before it, which was one, and that gives us three. Then we take three and add it to the number before it, which was two, and we get five. And on it goes as follows:

1, 1, 2, 3, 5, 8, 13, 21, 34, 55, 89...

So, the numbers continue to expand in a simple, harmonic way, where each new number represents the sum of the two numbers that came before it. If we divide the above pairs of numbers into each other, in the earlier stages we will see all the common Diatonic musical ratios that Pythagoras discovered such as $3/2$, $5/3$, $8/5$, $13/8$ and $21/13$. This should not surprise us, as music is a vibrational motion, and the summing technique used in phi is a form of vibration as well. The elegant nature of this vibration is easily seen in drawings of the “phi spiral,” pictured below. To better understand how this

spiral works with the Platonic Solids, it should be viewed as a three-dimensional object, as though it were wrapped around a cone with the top point at G and the bottom point at A. This type of three-dimensional spiral shape is called a "conical helix."



Fibonacci or "phi" spiral and geometric counterparts.

Although the early stages of the "phi" number series will form the musical ratios between themselves, as the number pairs get higher and higher, the ratios between them become more and more similar, and the growth process stabilizes. Ultimately, as you go higher every pair of numbers in the series will divide together to form the exact same number, meaning that the ratio between all the numbers remains constant. For this reason, the ratio is called a "constant" as it will always be the same, and the number, (which continues endlessly,) is:

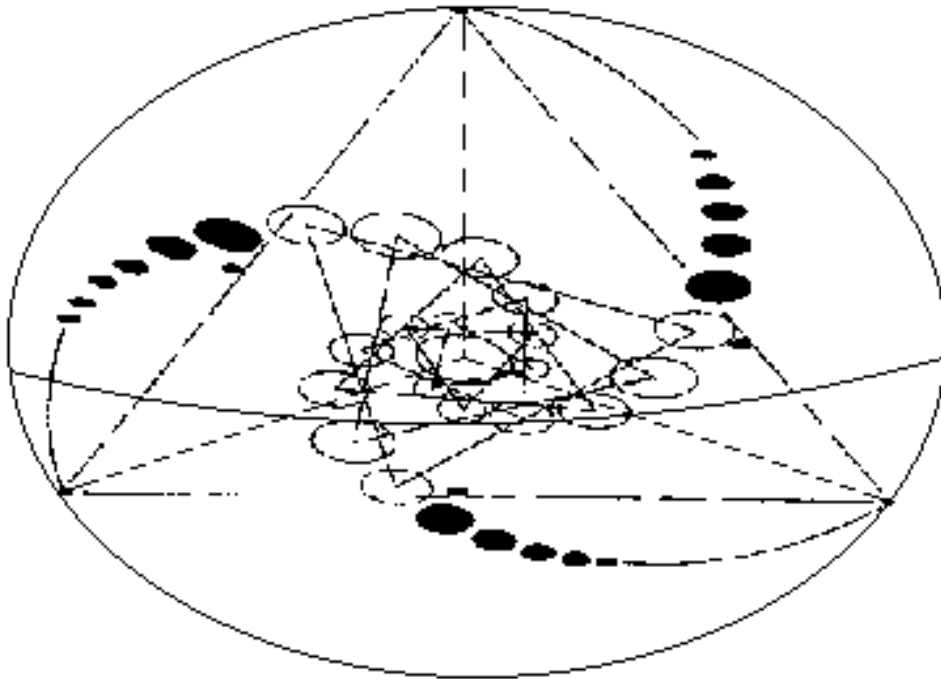
1.618033988749894848820...

Another interesting fact is that we can start with any two numbers, regardless of their difference, and begin summing them using the simple formula above. No matter how different they might be, within a short period of time we will again create the constant "phi" ratio between the two of them. This entire concept has inspired countless generations of mathematicians, musicians, scientists and philosophers, as it mysteriously shows up in many different guises, including the growth proportions of plants, animals and human beings. As we have said, the musical ratios of "phi" provide the structure for simple geometry in both two and three dimensions, which we now know is another form of vibration. The above diagram demonstrates this, as we can see that there are actually six isosceles triangles of identical proportions represented as the spiral continues to expand. The size ratio between each of the triangles will be the "phi" constant of 1.618..., given above.

These spirals can show us how simple geometric forms such as the square or triangle can grow larger and larger or smaller and smaller. As the spiral either unfolds or infolds, so too will the geometric shapes that can be formed within it either expand or contract. (In other words, if the above spiral were radiating outward, then the triangles would get progressively larger. If the spiral were compressing inward towards point F, then the triangles would get

progressively smaller.)

It is this very principle of the spiral that allows the simple, expanding growth patterns of Nature to formulate themselves, both in crystal structures as well as living organisms. If we were to map out the geometry of how the simpler geometries on Fuller's spherical balloon expanded into their more complex forms when he raised the vibration, we would see that their expansions could be precisely mapped with the simple, harmonic spirals mentioned above.



Spherical, ratcheting expansion of tetrahedral shape along fractal-based spiral pathways.

The above diagram is derived from a huge and extremely dramatic crop formation named the "Triple Julia Set" that appeared overnight in a grain field in England in 1996. It is a model of how this system of interconnecting spirals and Platonic geometry looks when expanded into three dimensions. The original crop formation only consisted of the three spirals made up of individual circles, and all straight lines as well as the outer sphere and equator have been added in to better illustrate what we are seeing here. Ultimately, it is a model for the vibration of the aether that is creating visible planetary energy stresses as well as perfectly measurable structures in time. For now, we should also visualize each triangle as being a tetrahedron that has its own spherical field, thus making this a geometric diagram of the "matrioshka" or "nested doll" spheres of energy that we have seen in many experiments such as those done by Dr. Chernobrov.

13.6 FORM AND GROWTH, SPACE AND TIME, MALE AND FEMALE

And so, we can already see why the Ancients referred to straight and curved lines as the two apparent opposites in the Universe, even though they are actually unified as vibration. Ultimately we feel that in one way of thinking, the straight lines and geometries can represent space, and the curved lines and spirals can represent time. But for now we will put it in more familiar terms and say that straight lines create form, and curved lines create the movement

and growth of that form. In other words, straight lines form the geometric structures of the vibrations themselves, and curved lines form the pathways for these structured frequencies to expand and contract. Although we normally don't think of curving geometry with sound and light, we know that these spirals govern the movement between one note in the octave and the next higher note, or one color in the spectrum and the next higher color.

To put all this in a more spiritual context, in many ancient mystical traditions the straight line was thought of as the masculine force, associated with the Sun, and the curved line was thought of as the feminine force, associated with the Moon. These masculine-feminine associations are quite easy to intuitively work out in our own minds. At rest, the sperm cell forms a straight line, whereas the egg is a rounded structure. Men's bodies are harder and more straight-lined in construction and women's bodies are more smooth and curvaceous. Men's minds tend to think in more linear, rigid, mathematical "left brain" patterns and women's minds tend to think in more curving, fluid, emotional "right brain" patterns. Primitive men hunted and built by the light of the Sun, using straight spears and arrows to catch prey – or more recently, straight boards, hammers and nails to build structures, whereas women cooked and served food in smooth, curved bowls of pottery or wood and nurtured their young with smooth, curved breasts in the secluded darkness of the cave, igloo, teepee or longhouse, nestled away from the light of day where predators and villains once roamed. Furthermore, women are directly connected with the Moon in ways that men could never be, through their menstrual cycle, showing another level of why the Ancients associated the feminine spirit with our own Midnight Sun.

13.7 SACRED GEOMETRY AND LIFE

The study of these various geometric forms and spirals, including their spiritual connections to humankind as partially illustrated above, is known as "sacred geometry," and Robert Lawlor's book of the same title is arguably the best existing reference on the subject. Many of history's greatest scholars studied the principles of sacred geometry in extensive detail, as they were fascinated to discover that lifeforms of every possible variety on Earth demonstrated these musical, vibrational principles involving the interplay of space and time – straight and curving lines. Simple seashells provided perfect representations of the Fibonacci spiral, as did the growth pattern of plants, the fingerprints, the horn of an ox, the interior of a sunflower or lotus and many, many different proportions in the skeletal structures of animals and human beings. There are obviously no limits to how far these principles will go, providing that someone is willing to mathematically study each plant or organism separately in search of these connections.

Since our current scientists give us no reason to believe that such harmonic principles are necessary in the growth of lifeforms, then why do they exist? If these proportions were not important, then why do we see them so repetitively? Indeed, are we simply ignoring the evidence that is all around us – evidence that proves that everything in the Universe is a product of vibration? If the fundamental energy that constructs all of reality is vibrating in harmonic resonance, would it be possible for anything not to have a harmonic foundation?

13.8 SPIRAL RATIOS IN PLATONIC SOLIDS

Just so that we can conclusively demonstrate that spirals connect all the Platonic Solids together, we will pull a chart excerpt from *The Shift of the Ages* that makes our point. In Robert Lawlor's quintessential book *Sacred Geometry*, we learn that the Hindus resolved the Platonic Solid geometries into an octave structure like we see for sound and light, and in the next table we have listed this geometry in order. This gives us a complete, unified view of how the various vibrations work together, which we will see in the next chapter. For now, we should just be aware of what this graph represents. This is formed by assigning a length of "1" to the edges of the cube, and then comparing how larger or smaller the edges of the other forms are in relation to it. We remember that in the Platonic Solids, every face is the same shape, every angle is identical, every node is evenly spaced from the others and every line is the same length.

1.
Sphere
[no edges]
2.
Central Icosahedron
 $1 / \phi^2$
3.
Octahedron
 $1 / \text{sq. rt. } 2$
4.
Star Tetrahedron
 $\text{sq. rt. } 2$
5.
Cube
1
6.
Dodecahedron
 $1 / \phi$
7.
Icosahedron
 ϕ
8.
Sphere
[no edges]

Harmonic Proportions of Platonic Solids.

In the next chapter we will make a very compelling case that the ancient Hindus knew everything that we have discussed about these energy fields so far, and more. We were fortunate enough to locate a rare reprint of Rama Prasad's 1894 book, *Nature's Finer Forces: The Science of Breath and the Philosophy of the Tattvas*, from Kessinger Publishing. We will see that the word "tattvas" has a similar meaning to our word "vibrations." The amount of overlap between what we have seen up until this point and the data in Prasad's book should be nothing short of dazzling, as almost every key aspect of the aetheric model that we have covered so far is contained in the pages of this book in one form or another. We will also take a closer look at how the ancient aetheric concept of an "octave" of dimensions correlates with modern scientific studies, and show that there is a lot less difficulty in rectifying the

two opinions together than we may have thought. Furthermore, by understanding how geometry intersects with higher dimensions, as we have already seen on the planets, the idea of “hyperdimensional physics” moves out of the realm of theoretical speculation and into the arena of an applied science. And once we can apply these concepts, we open up a door to the Universe...

CHAPTER 14: VEDIC YOGA, SETH AND MULTIDIMENSIONAL COSMOLOGY

CHAPTER 14: VEDIC YOGA, SETH AND MULTIDIMENSIONAL COSMOLOGY

14.1 FUSION OF "OLD", "NEW" AND "EXTRATERRESTRIAL"

The aetheric vibrational model that we have just proposed in the last chapter certainly is compelling, in light of the geometry-based energetic behavior that we have seen on all planets throughout the Solar System, but we still have a major hurdle to cross over in terms of unifying this viewpoint with modern science. In this chapter we will reveal some of the surprising connections between the "new" science that we have been discussing up until this point, and the writings in the ancient Vedic scriptures of India. We will also compare this with more of Seth's writings and some information on current ideas of the nature of dimensions in the universe. Together, we should be able to find some common ground between these different areas.

14.2 MODERN DIMENSIONAL CONCEPTS

The modern scientific topic of higher dimensions is a very interesting and yet very difficult study to approach, and it often leads to confusion even on behalf of those who have advanced degrees in mathematics and science. The vast amounts of specialized information, mathematical models and hyper-complex lingo has effectively prevented the different camps from being able to understand each other and assimilate their different findings. There seems to be an innate belief that the idea of planes higher than our own must be extremely difficult, almost impossible for us to understand in the scientific sense. This is quite a difference from the idea that all "dimensions" are simply differing levels of energetic density and vibration, which are all organized into an "Octave" structure. As alleged extraterrestrial entity Seth says in the Jane Roberts book *Seth Speaks*,

Your entire concept of space is so distorted that any true explanation is highly difficult.

When considering the "Octave" as a viable solution, we should remember that almost all physicists agree that when you finally solve a major scientific puzzle for good, the solution is shockingly beautiful, simple and understandable. That's when you know that you've got a working model, and not a complex mess that is shored up only by outrageous-looking equations handed down on tablets of stone from the lofty peaks of the scientific priesthood, for a select few to try to understand. We now know that geometry as a model for higher "dimensions" of space and time is already a working model; we can see it at work on the planets. The best explanation for this geometry that we have observed is that it is formed by a vibration of aether.

For the non-scientific public, most people don't know what "higher dimensions" are, where they are, how they function, what they mean, whether they are inhabitable, et cetera. Should the common people try to learn more about this subject by reading articles in *Scientific American* magazine and the like, they will only become more confused, as each article may well argue a completely different case. At the time of this writing there are many different scientific

speculations as to the number of dimensions that exist - you can literally choose whether you will have three, four, five, six, eight, nine, ten, eleven or twenty-six! All these theories agree that the three main dimensions - length, width and height - exist, as that is simple geometry. So bearing that in mind, let's round up the different cases:

FOUR: Einstein proposed that the fourth dimension was time, though no one can truly prove or measure this. He realized that time needed to be able to be measured with geometry in order to build up his visualized model of the Universe. But instead of simply seeing time as a movement of energy, he neatly tucked it into a "dimension" like the three in space and left it at that.

FIVE: Kaluza-Klein theory showed that if a fifth dimension was added to Einstein's proposed mix, many more mathematical problems could be effortlessly solved - including a long sought-after unification of gravity and electromagnetism, at least in the theoretical sense. Einstein did accept this concept after studying it thoroughly, though not all of his supporters recognize it.

SIX: Instead of time being confined to just one 'dimension' in Einstein's theory, Dewey Larson and John Nordberg both propose that there are only three "real" dimensions that we know in space, but there is a time dimension to correspond with each dimension of space. The idea of a density of time to match each density of space was endorsed by ET sources such as the Ra Material; they simply proposed a greater number of space-time levels.

EIGHT: This shows up in gauge theory, a version of "Superstring" theory, and it perfectly corresponds with the idea that there is an Octave of dimensions. Furthermore, almost all credible sources of higher intelligence agree that this is the true number of dimensions in the universe. The theories of Tony Smith also give us an eight-dimensional universe with geometric qualities, built up with eight-leveled numbers known as "Octonions."

TEN OR 26: Based on the "modular functions" of Srinivasa Ramanujan, discussed below, superstring theory makes a strong case that there are either ten or twenty-six dimensions and also postulates an energy substance existing through space - which certainly seems to be the case. In their theory the energy substance appears as a web of intertwining "strings" of energy. Light is said to be a vibration of a superstring in the fifth dimension.

NINE OR ELEVEN: More recent mathematical theories insist that there must be either nine or eleven dimensions, and through 1999 to 2001 these have grown more in their public exposure.

As we can see, the scientific community presents us with many different contradictory opinions. We can literally choose almost any number for the dimensions that we want, and be able to back it up with "scientific evidence." To make matters worse, due to the colossal difficulty in understanding these higher dimensions, (based on our presently flawed models of universal energy,) most mainstream mathematicians conclude that all dimensions above our third must be compressed down into a single point that is the size of "Planck's quantum," or 10^{-32} centimeters! Such an incredibly tiny point would make the atom seem to be the size of a planet in comparison, and it is believed to be the smallest possible "unit" of space-time that could ever exist.

Certainly this would be quite a crowded place to try to visit in the dream plane or an out-of-body experience!

14.2.1 ORTHOGONAL RELATIONSHIPS

To many frontier scientific thinkers, the idea of extra dimensions in space, beyond the obvious axes of length, width and height, seems to be fundamentally impossible. If you look at the axis of width and compare it to the axis of height and length, you can see that no matter where you look, each of the three axes will form 90-degree "right angles" with the other two. Increasing the confusion, scientists have come up with another word for this right angle relationship between two lines or axes, referring to it as an orthogonal relationship.

Therefore, when physicists are looking at the possible existence of higher dimensions than our three, they expect to see one or a series of additional orthogonal rotations, or 90-degree "right-angle" turns, that are somehow "away" from the length, width and height of the space that we now have and into a hitherto-undiscovered and unobservable area of space! If this sounds impossible to you, then you are exactly where you need to be at this point in the book. What a paradox! As far as we have ever been able to detect, no matter where you move, up, down, left, right, forward or backward, you're still going to be right here in our own natural "three-space!"

Most scientists are still fixed on the idea of dimensions, not densities of energy, since they are usually unwilling to admit that the aetheric "vacuum" energy even exists. In reality, when anyone tries to think of "dimensions" as being anything but a way to measure length, width and height in the universe that we now know, we immediately encounter some very big problems. No one has ever seen a "one-dimensional" or "two-dimensional" world... there is no 'universe' on a straight line or a flat plane that we have ever observed. The idea of measuring space by using three dimensions is one thing, but suggesting that there are other dimensions to measure seems ridiculous.

So, if it sounds ridiculous then why do we have such an idea? The problem arises from the fact that the mathematics clearly shows that there must be "something" there that we are not now aware of; there must be more "room" for energy to move around in than what we now see in our physical reality. Since space was thought to be "empty" and to not have any core energy within it, the only choice left was to change space; to mathematically add more levels of measurement to empty space, instead of seeing that the qualities of the energy in space itself could change.

So how did all the confusion get started in the first place? The idea that space could be measured with more than three "dimensions" came about from the observations of the behavior of the basic forces of energy in the universe, which are electrostatics, magnetics, gravity, weak nuclear and strong nuclear. Remember that all scientists have been chasing after a "Unified Field" theory where we can prove that all of these basic forces are part of one unified energy source. And if we do not consider the existence of a vibrating zero-point energy, then the mathematics that we use to measure these different forces simply do not "fit together" until we start adding extra "dimensions" into the puzzle for them to move around in. Only with this extra "room" for the forces to interact do they start to be able to integrate together into a possible

Unified Field. The idea of a fifth dimension was considered an ingenious breakthrough that led Kaluza and Klein to make the all-important unification of gravitation and electromagnetics. Then, the question seemed to be, "Where are these dimensions, and what is their relationship to each other?"

Since the main formation of energy that we know and understand is the electromagnetic wave, which Einstein believed would eventually show us this Unified Field, it was believed that this wave contained the secret key to unlock the door to "higher dimensions." Our scientists saw that in the electromagnetic wave, the electrostatic wave and the magnetic wave travel orthogonally, or at 90-degree angles to each other.

It was believed that this peculiar 90-degree relationship was essentially showing us two axes, or two dimensions, such as length and width or width and height, interacting with each other, with the movement of the wave providing the third axis. Therefore, they felt that it was safe to assume that higher dimensions, and the energy that would travel through them, would also keep preserving this 90-degree orthogonal relationship. This means that if we "turn away" from the electromagnetic wave and move 90 degrees into another measurement axis of space that we cannot currently see in our own "dimension," then in very loose terms, we will "find" the area where all the energy can "fit together."

Again, this is by no means an easy concept to grasp. The confusion lifts when we see these "dimensions" as simply being different densities of aether energy. You can have all different densities in the three dimensions of space that we now know, and energy will behave (vibrate) differently in each of these densities. It just happens to be a coincidence that Ra says that we are now in the "third density of vibration" and that modern scientists always say that we are in the "third dimension." Ra makes it clear that first and second-density lifeforms are all visible to us now and exist around us as "three dimensional" forms; first density "lifeforms" being basic elements of nature such as earth, air, fire and water, rocks, minerals, oil and gases, which we normally do not consider to be alive, and second-density lifeforms being everything from single-celled organisms to plants to birds, monkeys and dolphins. Every creature that we would normally define as "living" is second-density in the Ra model, except human beings. These lower-density creatures certainly do not live on a flat plane or a line!

14.2.2 A BETTER "FIT"

Despite the apparent distortions in the view of mainstream science, the mathematical calculations that are involved have already proven beyond any doubt that geometry plays a crucial part in all of this. These Platonic geometries are required to exist to provide the "room" for these unseen additional axes in "hidden" 90-degree rotations to appear. To their way of analyzing the data, each face of the geometric shape could represent a different axis or plane that could be rotated into. If this seems difficult to understand, we could compare it to the idea of a soccer ball, which can have many different hexagons on its surface. As the soccer ball rolls along, different hexagons will actually contact the ground and align with its plane.

However, the entire concept of Platonic geometries being connected to higher planes only came about because they knew that the geometry had to be

there; they found it in their equations. When we start considering the work of Dr. Fuller and Dr. Jenny, we can see that this idea of other planes that exist at "hidden" 90-degree rotations was most likely an incorrect explanation, based on the lack of knowledge of the "sacred" connections between geometry and vibration.

14.2.3 QUALITY, NOT QUANTITY

As we can see, the idea of "orthogonal rotations" is quite confusing and uncomfortable, and we do not intend for this chapter to be a burden to read. We remind ourselves that many different camps have their own ideas as to the true number of dimensions, and each camp strongly feels that their answer is right. The mathematics involved in these various speculations are staggering, and they cannot all be correct since each is contradicting the other's opinions. What we will address in this book is not the rigorous, quantitative, mathematical values of these different levels, but rather a qualitative view, meaning that we are interested in making a simple, straightforward analogy for what is going on without mathematics.

14.3 VEDIC COSMOLOGY

In *The Shift of the Ages*, we presented the Vedic system as having "all the answers" that we were looking for to solve the dimensional puzzle, and later in this chapter we will share this research again. However, when we wrote *Shift*, all we presented was just one clue that would suggest that the ancient Aryans were somehow on the right track; we showed the actual geometric Octave itself, which organized all the Platonic Solids into a unified progression that has an Octave structure.

In this book we are trying to be more well-rounded and have our arguments more firmly supported. In an attempt to strengthen the foundations behind such a key point in our model as the geometric Octave, we decided to explore the Vedic cosmology in more detail. Obviously, if the Vedic scholars were right about the various planes of existence as being geometric in nature, then they must have understood a great deal about the aetheric paradigm as we have now rediscovered it to be. The question now becomes whether the evidence exists to suggest a correspondence between Vedic teachings and our own research.

In *The Shift of the Ages*, we have described how some of the Vedic scriptures clearly describe advanced flying machines known as "Vimanas" as well as a very clear, unambiguous description of a nuclear missile, called "a bolt of iron... charged with the light of a thousand suns" whose effects were described in a way that sounds literally identical to what we have witnessed with the flashpoint and subsequent radiation fallout of atomic weapons. In Dr. Richard Thompson's book *Alien Identities*, there are a number of connections made between various celestial beings as seen in the Vedic texts and modern extraterrestrial reports, establishing a clear link between the two.

In Dr. Thompson's most recent work, he has shown how the ancient Vedic scriptures give a remarkably accurate description of all the planets in the Solar System, complete with measurements of their orbits that are very precise. The reason why this wasn't discovered before, says Dr. Thompson, is that no one had done their homework well enough to discern what the correct

Vedic measurement units actually were. Once he found that missing link, everything precisely fit together with what we now know.

The Vedas date themselves as being 18,000 years old, and this is automatically rejected as being impossible. However, as we have presented in *The Shift of the Ages*, there is mounting evidence for the existence of an ancient advanced civilization that perished in a worldwide cataclysm some 12,500 years ago. In the case of the Vedas, some of this original knowledge was able to be preserved through all of this time, and our main task now is simply to understand it. Bearing that in mind, there is more than enough reason to suggest that the ancient Hindu culture was very well educated about the same science of universal energy that we are now re-discovering in this book. The compelling evidence for this idea can be seen very clearly in Rama Prasad's book from 1894, entitled *Nature's Finer Forces: The Science of Breath and the Philosophy of the Tattvas*. We shall begin this chapter with an excerpt from Prasad's Preface:

The book is sure to throw a good deal of light upon the scientific researches of the ancient Aryans of India, and it will leave no doubt in a candid mind that the religion of ancient India had a scientific basis.

Several different Sanskrit terms will need to be introduced here in order for us to understand what Prasad has written.

14.4 PRAKRITI

First, the overall name for matter in its original form is Prakriti, the feminine principle, and in Robert Lawlor's book *Sacred Geometry* we see that this is intended to illustrate the geometry of the dodecahedron. Any time that the word "Prakriti" is used, its definition is "undifferentiated cosmic matter." This undifferentiated matter is then acted upon by the forces of vibration to bring the universe into being, as we shall see. The opposing male principle is Purusha, which the Vedic scholars associated with the icosahedron. The sexual concept of Purusha and Prakriti mating is not difficult to see when we notice that by putting an equal-sized icosahedron and dodecahedron together, the points of the icosahedron will be seen to merge through the center of each face of the dodecahedron. For our purposes in this chapter, we simply need to remember that Prakriti is the word for the original undifferentiated matter of the universe.

14.5 THE GREAT BREATH / PARABRAHMAN

Another important term is "The Great Breath." In the Vedic system, all of the Creation comes into being from the energetic "breathing" movement of the One Creator as a Being, which is referred to in Sanskrit terms as "Parabrahman" or "Brahman" for short. This Oneness then splits into duality as Prakriti and Purusha. We have already seen how this breathing motion can be demonstrated in the time-varying rising and falling of planetary atmospheres, such as on Venus in the 24-hour "breath" of the ionosphere and the four-day "breath" movement of the atmosphere. So already, we can start to see the connections that exist between the Vedic model and modern principles.

14.6 THE TATTVAS

The basic Sanskrit word for vibration is Tattva, which is defined as "(i) a mode of motion. (ii) The central impulse which keeps matter in a certain vibratory state. (iii) a distinct form of vibration."

One important distinction that needs to be made is that the ancient Vedic system had five main levels of "tattvic" aether vibrations. These were in turn expanded into seven levels by allowing two of them to have separate positive and negative attributes. As Ra noted in the Law of One series, this type of variability between different spiritual systems can be rather confusing when we are trying to construct an Octave-based cosmology that links together all the densities of aetheric vibration as One.

The main Octave of "true color" vibrational levels of "aether density" have had different names and different groupings depending on the system that classified them. However, on behalf of the Vedic system it is also true that there are only five Platonic Solids, and in the Hindu geometric octave given in Sacred Geometry, we have the icosahedron used twice as well as the sphere being used to signify the Oneness, at points one and eight, the beginning and end of the Octave.

On page 118 we see the following very important point, which proves our statement that you can see these tattvic levels as either being five or seven in nature, thus showing the connection between systems:

The universe, as has been seen, has five planes of existence (which may also be divided into seven.)

The sevenfold breakdown of dimensional levels, in this case as applied to the vibrational or chakra levels in the human being, are given on page 146 as follows:

1

The gross body (Sthula Sharira).

2

The unhappy Prana.

3

The unhappy Mind.

4

The happy Prana.

5

The happy Mind.

6

The soul (Vijnana)

7

The spirit (Ananda)

This is remarkably similar, if not identical in the philosophical sense, to Ra's

illustration of the seven levels of aetheric density as they correspond to the development of consciousness in the human being, summarized here. The connections are most easily seen between levels 1 and 4-7:

1

(Awareness) Earth / Malkuth center, gross physical / elemental body.

2

(Growth) Growth and development without knowledge of self, "animal" consciousness.

3

(Choice) Self knowing mind attained, plane of suffering, choice to serve others or self.

4

(Love) The level of love. Wisdom is not sought or developed here.

5

(Light) Light, Mind and Wisdom fully developed here but not unified with love.

6

(Unity) The balance between compassion (love) and wisdom is practiced here.

7

(Gateway) The Sacramental Nature of All Things is realized and the gateway to return to the Oneness is opened.

14.7 PRANA

Perhaps the closest word to "aether" in the Vedic system is the term "Prana." This may be confusing to us, as two of the modes of vibration given in the list above are both "minor pranas," in this case as the "unhappy Prana" and the "unhappy Mind." This apparent contradiction is explained in the following definition for Prana, which speaks of minor Pranas as existing as well:

[Prana is] the life principle of the universe and its localized manifestation; the life principle of man and other living beings. It consists of an ocean of the five Tattvas. The suns are the different centers of the ocean of Prana. Our solar system is filled to its extremest limit with Prana, and it is in this ocean that move the various heavenly bodies.

It is held that the whole ocean of Prana, with the sun and moon and other planets, is a complete picture of every living organism on earth, or, for that matter, of any planet. Hence is Prana spoken of sometimes as a person, a living being. All the manifestations of life in the body are known as minor Pranas. The pulmonary [heart] manifestation is known as Prana by preeminence. The positive phase of matter is also [referred to as Prana] as distinguished from Rayi, the negative phase of life matter.

It is very interesting that the definition of Prana indicates that it is fluidlike, by associating it directly with an ocean. This is a direct correspondence with what

we have seen in the science of the aether thus far, both with experiments like Dr. Aspden's as well as planetary phenomena. The five main Tattvas or vibrational levels in the Vedic system are associated with many different five-fold concepts in humanity, including the five senses, the five fingers and toes and the five appendages on the human body, being the two legs, two arms and head. Most of Prasad's work is focused on explaining them only as five principles, and we would need to turn to other sources to get more extensive descriptions of how these principles work in a system of seven:

The Tattvas are the five modifications of the Great Breath. Acting upon Prakriti this Great Breath throws it into five states, having distinctive vibratory motions, and performing different functions.

Here, we will give a summarized list of each of the five main Tattvas and which of the five bodily senses they are associated with, followed by an excerpt from the book right after they are introduced:

1

Akasha Tattva: Sound.

2

Vayu Tattva: Touch.

3

Tejas Tattva: Sight.

4

Apas Tattva: Taste.

5

Prithivi Tattva: Smell.

They are variously known as Mahabhutas. The word Akasha is generally translated into English by the word ether. Unfortunately, however, to modern English science sound is not known to be the distinguishing quality of ether...

Prasad obviously did not foresee a time when the entire concept of aether as a whole would be shunned by modern science!

14.8 "SVARA" OF VEDAS AND SETH CONCEPTS

The next term that is important here is the word "Svara." This word is used to explain the presence of the spiraling lines between geometries that Ra refers to as "the spiraling line of light." It also conveys the same meaning as the term "The Great Breath."

The Tattvas... are the modifications of Svara... The proper translation of the word Svara is the current of the life-wave. It is that wavy motion which is the cause of the evolution of cosmic undifferentiated matter into the differentiated universe, and the involution of this into the primary state of non-differentiation, and so on, in and out, for ever and ever. Whence does this motion come? This motion is the spirit itself...

It should interest us that the Tattvas, which we now know of as being three-

dimensional geometric energy vibrations, are described as being modifications of Svava, or the spiraling current. Could we indeed create all the Platonic Solids as modifications of spiraling lines? Yes. They are all able to be modeled from spirals, as we suggested with the image of the six triangles formed by the "phi" spiral in the last chapter and the chart that showed the simple spiraling relationships between each of the basic geometries.

As this book progresses, we will see clear, undeniable evidence for the existence of this spiraling wave, which we have already begun to suggest with the idea of the phi and square root of two waves that connect the Platonic Solids to each other in an expanding, spiraling progression. As the Vedic scholars said, this is a constant interplay of evolution and involution that is going on. What does "constant" actually mean? Are we to think of it as being something that only takes place over huge periods of time? Or, does "constant" mean "all the time," possibly at a speed that is far too fast for us to measure?

Seth describes a more specific form of "constant" pulsation occurring in the universe in Chapter 7 of Seth Speaks, session 530; a pulsation that forms all of matter moment by moment. Seth says that this pulsation is occurring faster than we could ever know, so that we are forever "blinking in and out" of our current "density" as the aetheric energy that forms our reality pulsates through its other modes of vibration. Normally we have no idea that any of this is happening:

...To begin with, your physical form is the result of great emotional focus. The fantastic energy of your psyche not only created your physical body, but maintains it. It is not one continuous thing, although to you it seems permanent enough while it lasts. It is nevertheless in a constant state of pulsation, and because of the nature of energy and its construction, the body is actually blinking off and on.

Now: This is difficult to explain, and for our present purposes it is not entirely necessary that you understand the reasons for this pulsing; but even physically, you are "not here" as often as you are. Your emotional intensity and focus create forms beside your physical body, however their duration and degree dependent upon the intensity of any given emotional origin.

Your space is therefore filled with incipient forms, quite vivid, but beneath the regular structure of matter that you perceive...

As we go along, we will see that this last statement of Seth about "incipient forms" is literally identical to the Vedic cosmology; in the Vedic system these forms are called "Trutis" and in Seth's work they are called "electromagnetic energy units" or, as Seth also called them, "consciousness units." We now continue at the same point in our Seth excerpt:

These projections [of electromagnetic energy forms,] then actually are sent out constantly. Some more sophisticated scientific instruments than you now have would clearly show not only the existence of these forms, but also vibrations in varying waves of intensity surrounding those physical objects that you do perceive.

(9:57.) To make this clearer, look at any table in the room before you. It is

physical, solid, and you perceive it easily. Now for an analogy, imagine if you can that behind the table is another just like it, but not quite as physical, and behind that one another, and another behind that - each one more difficult to perceive, fading into invisibility. And in front of the table is a table just like it, only a bit less physical appearing than the "real" table - it also having a succession of even less physical tables extending outward. And the same for each side of the table.

Now anything that appears in physical terms also exists in other terms that you do not perceive. You only perceive realities when they achieve a certain "pitch," when they seem to coalesce into matter. But they actually exist, and quite validly at other levels...

In the above paragraphs we can see that Seth is giving us a very valuable point to consider:

The vibrations of aether that form physical matter are actually being duplicated in the other densities, with a rippling-style effect.

Such a rippling effect of "spheres within spheres" has been seen in the spherical tornado cascades, the Roschin and Godin experiment and Dr. Chernobrov's experiments as well. You can have a physical object with other levels of aetheric density that are not visible to the human eye, but it nevertheless still exists in those levels as well. This is why we can still see all stars and planets with our eyes, even if a source such as Ra says that there is life on these planets in higher densities. Anything that we would call "physical matter" is also creating vibrations in these other planes of existence; and Seth carefully chooses the word "pitch" to describe the vibrations of these different planes.

Although our physical matter may be somewhat visible in these higher densities, there could just as well be vast amounts of energy formations in the higher densities that we cannot see, because they do not have the correspondingly lower vibrational frequencies to become "physical." In certain cases there is a blending effect between these different realms, such that paranormal phenomena resembling ghosts and UFOs are seen to suddenly appear and disappear or change shape, as is often reported. Seth makes this point by saying that there are systems created by energy that is more "concentrated" than what we have here:

Yours is not a system of reality formed by the most intense concentration of energy, therefore. It is simply the one you are tuned into, part and parcel of. You perceive it simply for this reason.

Other portions of yourself, therefore, of which you are not consciously aware, do inhabit what you would call a supersystem of reality in which consciousness learns to handle and perceive much stronger concentrations of energy, and to construct "forms" of a different nature indeed.

Your idea of space is then highly distorted, since space to you is simply where nothing is perceived. It is obviously filled with all kinds of phenomena (pause,) that make no impression at all upon your perceptive mechanisms. Now in various ways and on occasion, you can tune into these other realities to some degree - and you do so spasmodically, though in many cases the experience

is lost because it does not register physically.

14.9 THE GREAT BREATH OF PARABRAHMAN

All of these points that Seth makes are perfectly echoed in the science of the Vedas, as Prasad has been illustrating for us in the excerpts we have cited so far. In our next excerpt, we see a description about how the energy of Parabrahman goes through phases of expansion and contraction, which are referred to as "days" and "nights" and also associated with heating and cooling. We then get a description of how the vibrational levels themselves come about. This may seem to be a little too complicated, but we will soon see that the key point is that in the Vedic model, the aether forms itself into spheres, just as our own modern research has led us to conclude, along with the writings of Seth, Ra and others:

After being subjected to the negative [contraction] phase of Parabrahman, [or the Oneness,] Prakriti [or undifferentiated matter,] which follows Parabrahman like a shadow, has been saturated with evolutionary receptivity; as the hotter current sets in, changes are imprinted upon it, and it appears in changed forms. The first imprint which the evolutionary positive current leaves upon Prakriti is known as Akasha, [the first level of aether vibration.] Then, by and by, come into existence the remaining ethers. These modifications of Prakriti are the ethers of the first stage.

Into these five ethers, as now constituting the objective plane, works the current of the Great Breath. A further development takes place. Different centers come into existence. The Akasha throws them into a form which gives room for locomotion [movement.] With the beginning of the Vayu [or second] Tattva these elementary ethers are thrown into the form of spheres. This was the beginning of formation, or what may also be called solidification.

These spheres are our Brahmandas [universes of vibration.] In them the ethers assume a secondary development. The so-called division into five takes place... Every tattvic [vibrational] quality is generated into, and preserved in, these spheres by these currents. With the Apas [Tattva] the formation [of the sphere] is complete. In process of time we have a center and an atmosphere. This sphere is the self-conscious universe...

So, what we see here is a very clear description of the formation of the universe as the primordial "consciousness unit" at the beginning of the Creation, which we should now begin to understand as being a very likely accurate picture of what did occur.

14.10 MANU AND SEVEN "LOKA" SPHERES OF EXISTENCE

As this excerpt goes on further, we see how this creation continues on into solar systems such as our own. These systems are said to be created on the energetic level long before they are created on the physical level. The next new term that we are given here is Manu, a word for the universal mind. We are also presented with the idea that the Sun's existence comes from the interplay of "positive" and "negative" matter. To some this may seem unrealistic, but let's not forget that the CU shows signs of a north-south or positive-negative flow, and in the planets there seem to be counter-rotating spherical energy fields at work as well:

These centers come, in fact, into existence even before the earth is manifested on the gross plane. So also do the centers of other planets come into existence. As the sun presents himself to the Manu [Universal Mind,] there come into existence two states of the matter in which the sun lives and moves - the positive and the negative. As the solar Prana, after having been for some time subjected to the negative shady state, is subjected in its revolutionary course to the source of its positive phase, the figure of Manu is imprinted upon it. This Manu is, in fact, the universal mind, and all the planets with their inhabitants are the phases of his existence...

The suns revolve around these centers with the whole of their atmospheres of Prana. This system gives birth to the Lokas or spheres of life, of which the planets are one class.

These Lokas have been enumerated by Vyasa in his commentary on the Yogashastra (Pada iii. Sutra 26).

The aphorism runs thus:

"By meditation upon the sun is obtained a knowledge of the physical creation."

On this says the revered commentator:

"There are seven Lokas (spheres of existence)..."

It is not my purpose to try at present to explain the meaning of these Lokas. It is sufficient for my present purpose to say that the planets, the stars, the lunar mansions are all impressions of Manu, just as the organisms of the earth are impressions of the sun [having their original component materials formed from it]...

Every little atom of Prana is comparatively cooler than the next one towards the sun from itself. Hence equal and opposite vibrations cancel each other...

14.11 TRUTIS

Even more interesting is the next excerpt, which discusses what are called "Trutis." We can now see that these "Trutis" are indeed "vacuum domains" or consciousness units as we have seen them in the work of Dr. Dmitriev and others. The excerpt also suggests that these consciousness units are connected directly with the structure of atoms, which we will be exploring in future chapters. Furthermore, we also get a description of the fractal or holographic principle of "the whole is seen in all of its parts," and we must remember that this book was published in 1894, long before fractals or holograms ever came into being:

It might be noted down here that the whole of this Prana is made up of innumerable little points. Of these points I shall in future speak as Trutis, and might say here that it is these Trutis which appear on the terrestrial plane as atoms (Anu or Paramanu). They might be spoken of as solar atoms. These solar atoms are of various classes according to the prevalence of one or more of the constituent Tattvas, [which are the five main levels of vibration.]

Every point of Prana is a perfect picture of the whole ocean. Every other point is represented in every point. Every atom has, therefore, for its constituents, all the... Tattvas, in varying proportions according to its position in respect of others. The different classes of these solar atoms appear on the terrestrial plane as the various elements of chemistry...

This concept of "Trutis" matches perfectly with Seth's conceptions of "electromagnetic energy units." Here, we will bring forth an organized list of the different properties of these units as expressed by Seth in the earlier book The Seth Material. In our previous book The Shift of the Ages, we did not edit the data in this way, but with what we are trying to do in this book, it is much more suitable to break the information down into categories:

Now: there are electromagnetic structures... that are presently beyond your (scientific) instruments, units that are the basic carriers of perception. They have a very brief "life" in your terms...

14.12 CU STRUCTURAL QUALITIES

We see that Seth describes these electromagnetic units as having the form of a spherical torus:

Take, for example, five thousand such units aligned together, formed together. They would, of course, be invisible. But if you could view them, each individual unit would have its poles lined up in the same manner. It would look like one single unit - say, it is of circular form - so it would appear like a small globe with the poles lined up as in your earth.

14.13 CU ELECTROMAGNETIC QUALITIES

These forms are clearly given a description that directly ties them in with electromagnetic energy:

The "initial" originating emotional energy that sets any given unit into motion, and forms it, then causes the unit to become a highly charged electromagnetic field...

[The units] are electromagnetic, in your terms, following their own patterns of positive and negative charge, and following also certain laws of magnetism. In this instance, like definitely attracts like...

This structure is beyond the range of electromagnetic qualities as your scientists think of them...

It is in terms of weather that their electromagnetic effects appear most clearly to scientists, for example. [Tornadoes, anyone?]

14.14 CU VIBRATIONAL QUALITIES (SOUND & COLOR)

The units are also associated with vibration, as we would assume in the aether model. The first sentence below is a clear illustration of research such as that done by Dr. Hans Jenny where sound formed three-dimensional objects in a colloidal liquid:

These emanations can also appear as sounds, and you will be able to translate them into sounds long before your scientists discover their basic meaning...

[These units] would have color if you were able to perceive them physically.

The emanations are actually emotional tones. The varieties of tones, for all intents and purposes, are infinite.

14.15 CU ASSOCIATION TO MATTER

These units are directly associated with the formation of matter as we would now think of it, according to Seth. The first sentence below tells us that since all of space is formed by these CUs, they do not "move through" space. It is more correct to say that they always exist in every area of space, and what we interpret as movement is simply a wavelike impulse that travels through them, just like we see waves on the surface of a pool of water:

To put this as simply as possible, it is not so much that they move through space, as that they use space to move through. There is a difference...

The units are just beneath the range of physical matter. None are identical. However, there is a structure to them.

Since they are the intuitive force just beyond the range of matter, upon which matter is formed, they will not follow the laws of matter, although at times they may mimic the laws of matter.

One of the reasons why they have not been discovered is precisely because they are so cleverly camouflaged within all structures.

14.16 CU ATTRACTION / REPULSION AND EMOTIONAL ENERGY

In a means very similar to the Vedic cosmology, Seth describes how these units obey principles of attraction and repulsion, which we see in the gravity / levity balance, magnetism and other forces. The connection is also established that the degree of "charge" in a consciousness unit is formed by the amount of emotional / vibrational energy that was originally put into its production. This "spiritual" connection is also seen clearly in the Vedic view:

Thermal qualities are involved [with the units,] and also laws of attraction and repulsion. The units charge the air through which they pass, and draw to them other units...

As a magnet... will attract with its filaments, so these units attract their own kind and form patterns, which then appear to you as perception...

[These units] will draw other such units to them, for example, according to the intensity of the emotional tone of the particular consciousness at any given "point." Clumps of them will be drawn together, literally sealed, only to drop away and disperse once more.

It is almost impossible to detect an individual unit, for in its dance of activity it constantly becomes a part of other such units, expanding and contracting,

pulsating and changing in intensity, in force, and changing polarity. This last is extremely important...

It would be as if the positions of your north and south poles changed constantly while maintaining the same relative distance from each other, and by their change in polarity upsetting the stability of the planet- except that because of the greater comparative strength at the poles of the units, a newer stability is almost immediately achieved after each shifting. The shifting of polarity occurs in rhythm with changing emotional intensities, or emotional energies, if you prefer. The changing polarities are also caused by attraction and repulsion from other like units which may be attached or detached. There is a rhythm that underlies all of this changing polarity and changing intensities that occur constantly. But the rhythms have to do with the nature of emotional energy itself, and not with the laws of matter.

Without an understanding of these rhythms, the activity of the units would appear haphazard, chaotic, and there would seem to be nothing to hold the units together.

14.17 CU EXPANSION AND CONTRACTION (PULSATION)

Not only do the units attract and repel each other, they also can expand and contract in their apparent size in a "breathing" motion, just like the Vedic concepts illustrate, with no theoretical limits on the amount of expansion or contraction:

Their size varies...

These emanations rise as naturally as breath... there is a coming in and a going out, and transformation within the unit, as what is taken into the lungs, for example, is not the same thing that leaves on the exhale stroke. You could compare these units, simply for an analogy, to the invisible breath of consciousness... breath is, of course, also a pulsation, and these units operate in a pulsating manner.

Being just beyond the range of matter, having a structure but a nonphysical one, and being of a pulsating nature, they can expand or contract. They can completely envelop, for example, a small cell, or retreat to the nucleus within. They combine qualities of a unit and a field, in other words.

If we must speak in terms of size, then they change in size constantly as they expand and contract. Theoretically there is no limit, you see, to their rate of contraction or expansion...

14.18 CONNECTION OF CUs AND EMOTIONAL ENERGY

In this category we will more firmly establish the connection between consciousness, such as that of the human being, and the formation of these units. Everything that we think at any moment is constantly forming these units; and in other areas Seth tells us that many of them never become physical in our world because we do not have the ability to focus our thoughts strongly enough to make them materialize.

They are built up in response to emotional intensity [and] are one form that

emotional energy takes. The intensity of the original emotional energy controls the activity, strength, stability, and relative size of the unit; the rate of its pulsation, and its power to attract and repel other units, as well as its ability to combine with other units.

There is another reason why they remain a secret from Western scientists. [Emotional] intensity governs not only their activity and size, but the relative strength of their magnetic nature. [These units] can be used in normal perception or what you call extrasensory perception.

[Note: If this sounds foolish, let us remind ourselves of Russian psychics Nina Kulagina and Alla Vinogradova, who were able to move objects and create electromagnetic fields by thought alone.]

In a healthy personality, the inner self easily projects all experience into EE units, where they are translated into actuality. Physical matter, therefore, acts as a feedback.

It is not that you cannot devise instruments to perceive these units. Your scientists are simply asking the wrong questions, and do not think in terms of such freewheeling structures...

[These units] are basically animations rising from consciousness... [and are] within each physical particle regardless of its size; of molecular consciousness, cellular consciousness, as well as the larger gestalts of consciousness with which you are usually familiar. They are emitted by the cells, for example, in plants, animals, rocks, and so forth.

Consciousness actually produces these emanations, and they are the basis for any kind of perception, both sensory in usual terms and extrasensory...

14.19 "CREATE YOUR OWN REALITY"

It is difficult to deny that between these various sources, a unified cosmological model can be found that fits very nicely with what we have described in this book up until now. Perhaps the most important "new" concept that we are encountering at this time is that supposedly "hard" atoms and molecules are being formed by these CUs, and the CUs in turn are formed by consciousness. In essence, the more that we are capable of focusing our emotional energy into one particular thoughtform, the more that we can control, as Seth says, "the activity, strength, stability, and relative size" of the units that will create our mental image; we can control "the rate of pulsation" of the CUs that form the object, as well as the CUs' "power to attract and repel other units, [and their] ability to combine with other units." This point cannot be underestimated, as it forms the underlying scientific basis for Seth's most famous quote of all, which is "You create your own reality."

Entire books have been written by Seth to show how this underlying science works, the most popular of them being *The Nature of Personal Reality*. The main point that we should remember is that our thoughts have a great deal more power than we have normally ascribed to them. As widely seen and reported, certain advanced yogis and mystics are capable of manifesting objects seemingly out of nowhere. Such cases are relayed in Paramahansa Yogananda's important book *Autobiography of a Yogi*, and have been

witnessed by numerous explorers who traveled to India to observe the "fakirs" at work. Similar feats have been performed by mystics and shamans in many other cultures as well. Of course, the story of the life of Jesus contains many such accounts of manifestation, including the spontaneous production of enough bread and fish to feed five thousand people. More recently, others have seen statues of Mary cry tears of blood or have had mysterious "stigmata" form on their bodies, as spontaneous wounds similar to the Crucifixion. Some religious figures such as Padre Pio have even gone so far as to suddenly produce dense masses of bodily tissue at the palms that clump together and appear to look like nails amongst the blood, duplicating the image of the nails that Jesus was crucified with.

These manifestations are only the most extreme form of something that is occurring constantly with our thoughts, whether we are aware of it or not. Esther Hicks, whose channeled work with an entity named Abraham was inspired by Jane Roberts' work with Seth, calls this principle "The Law of Attraction." In mainstream psychology lingo it is referred to as a "self-fulfilling prophecy."

Essentially, if you believe that other people are mean and spiteful, then you will create CUs that will act as a magnet to others who are ready to treat you that way, and they will definitely find you through a completely subconscious, cooperative process. If you have fear, which is the greatest limiter of human endeavor, then you will always find things to be afraid of. If you feel that you are a victim and wish to cast blame on others for your problems, then you will attract victimizers to fulfill your beliefs. The alleged beings in higher realms are always quick to point out that if the average human being were to suddenly be placed in a 100-percent thought-responsive environment, where his or her thoughts instantaneously became real, the amount of fear that we naturally hold inside could quickly spiral us into some very serious trouble.

14.20 VEDIC CONCEPT OF GRAVITY AND LEVITY

Returning to the connection between Vedic concepts and aether physics, in the next excerpt from Prasad's book, we have a clear description of the opposing forces of gravity and levity as seen in the Vedas. However, here Prasad makes the mistake of using the more conventional scientific terms of centrifugal and centripetal force instead of terms involving gravity and its opposite. In trying to articulate ancient concepts into modern words, he may never have realized exactly how they impacted the current Newtonian gravitational theories of his day:

Hence, while the sun draws the earth towards himself, those laws of life which have given it a constitution, by which for ages it must roll on, keep it in the sphere they have assigned to it. Two forces thus come into existence. Drawn by one the earth would go towards the sun; checked by the other it must remain where it is. These are the centrifugal and centripetal forces, and their action results in giving the earth its annual revolution.

14.21 THE IMPORTANCE OF BREATH

In the next excerpt from pg. 85, we see the connection between the Sun and the energy of the universe that is referred to as "Prana" in the Vedic tradition. It is intended to illustrate how the art of breathing as meditation is our own

means of tapping into the energy of the Universe. Indeed, elsewhere Prasad tells us that "The science of breath, and its connection to the Cosmos, is the single deepest secret of all esoteric orders."

It is said that the sun is the Prana. This is evident enough, and has been mentioned many a time before this. The most important function of life, inspiration and expiration, the function of which, according to the Science of Breath, is the one law of the existence of the universe on all the planes of life, is brought into existence and kept in activity by the sun himself. It is the solar breath that constitutes his existence, and this reflected in man gives birth to human breath.

This idea is then continued on page 89 with the description of another Sanskrit term that we have already covered, known as "Svara," which we remember as being "the current of the life-wave" and associated with the harmonic "spirals of light" mentioned in the last chapter:

No theory of the life of the universe is at once so simple and so grand as the theory of breath (Svara). It is the one universal motion, which makes its appearance in Maya by virtue of the unseen substratum of the cosmos, the Parabrahman of the Vedantins. The most appropriate expression for Svara in English is "the current of life." The Indian Science of Breath investigates and formulates the laws, or rather the one universal law, according to which this current of life, this motive power of universal intelligence, running, as Emerson so beautifully puts it, along the wire of thought, governs evolution and involution and all the phenomena of human life, physiological, mental and spiritual. In the whole length and breadth of this universe there is no phenomenon, great or small, which does not find its most natural, most intelligible, and most apposite explanation in the theory of the five modes of manifestation of this universal motion - the five elementary Tattvas...

The word Svara is only a synonym of intelligence, the one manifestation of the One descending into Prakriti [undifferentiated matter.]

Another definition for "Svara" or the "upward spiraling line of light" is given on page 137, followed shortly by a very interesting sentence, which essentially says that since these are timeless principles of the universe they will always return to the mind of humanity:

Svara, or what may be called the Breath of God, the Breath of Life, is nothing more nor less, as has already been explained, than abstract intelligence, or if such an expression be better understood, intelligent motion...In the course of ages, these ideas make their appearance in the physical plane again and again, according to laws previously hinted at.

14.22 RAMANUJAN'S SCIENTIFIC BASIS FOR THE OCTAVE

Now that we have fulfilled our objective of showing a connection between Vedic science and cutting-edge aetheric physics, we return to our basic idea of the structure of dimensions as being an Octave of geometric vibrations. If all the different mystical and channeled ET sources with proven validity have agreed on this point, then surely there must be a way to approach this topic with science. In *The Shift of the Ages*, we describe how the mathematical basis of all of modern superstring and "hyperspace" theory was based off of

the pioneering work of Indian mathematician Srinivasa Ramanujan, who openly admitted to receiving all of his information from a spiritual source. Even despite this apparently fatal flaw in his credentials by today's Establishment standards, he was widely heralded as a genius in his own time, because his work fundamentally changed the entire scope and definition of Western mathematics.

In retrospect, with what we now know about the Vedic cosmology, it shouldn't be difficult to see that Ramanujan had a wealth of knowledge to work off of when trying to devise mathematics that would quantify and explain the various tattvic levels of aetheric density in the universe, which most scientists erroneously call 'dimensions.' Ramanujan himself could not explain how he knew what he knew, except to say that "the [Hindu] Goddess Namakkal would inspire him with the formulae in dreams." And yet, with nothing more than one mathematics book to read and study, Ramanujan single-handedly re-derived the last 100 years of the finest Western mathematical findings for his time, all by himself! Furthermore, there were scores of far more mysterious number operations contained in his work that the Western mathematical Establishment had never seen before, and had a terrible time trying to re-derive on their own. And yet, they could see that these operations were highly elegant and compelling, as they possessed beautiful symmetry within themselves.

14.22.1 FLATLANDERS

These exotic number operations from Ramanujan, called "modular functions," provided the bedrock for all physicists to follow when mathematically investigating and defining the higher dimensions. Though they cannot actually see the higher densities or "dimensions," certain analogies were used by our mathematicians to determine their properties. The classic example of this is visualized with the analogy of the Flatlanders - an entire race of beings that live in a "flat" two-dimensional world, who then have a sphere pass through their plane, from top to bottom. From their viewpoint, they would only see a circle that started very small, reached a certain width and then became small again. To them, only one apparent "slice" of the sphere would be visible at a time as it passed through their plane. Yet, with this information they could mathematically calculate the properties of the sphere and define its existence, even though it was outside of their current range of perception. In this case the sphere would be considered as a "higher-dimensional topology." The word "topology" simply is an intelligent-sounding way to say the word "shape."

14.22.2 RAMANUJAN'S SYSTEM

In the case of Ramanujan, the modular functions are defined as mathematical operations where an incredible and almost unheard-of degree of symmetry exists within them - symmetry that allows for such higher-density geometries to exist. And within this symmetry, in many, many different and synchronistic ways, Ramanujan's modular functions always referred us back to the number eight as the key organizing force behind the structure of dimensions or densities in this universe. This can be seen in excerpts from the book *Hyperspace* by Dr. Michio Kaku. Here we should keep in mind that "Superstring" theory is very similar to aetheric concepts, in that the entire quantum realm is seen as being the product of energetic, vibrating "Strings":

Srinivasa Ramanujan was the strangest man in all of mathematics, probably

in the entire history of science. He has been compared to a bursting supernova, illuminating the darkest, most profound corners of mathematics, before being tragically struck down by tuberculosis at the age of 33, like Riemann before him. Working in total isolation from the main currents of his field, he was able to rederive 100 years' worth of Western mathematics on his own. The tragedy of his life is that much of his work was wasted rediscovering known mathematics. Scattered throughout the obscure equations in his notebooks are these modular functions, which are among the strangest ever found...

In the work of Ramanujan, the number 24 (8×3) appears repeatedly. This is an example of what mathematicians call magic numbers, which continually appear where we least expect them, for reasons that no one understands. Miraculously, Ramanujan's function also appears in string theory... In string theory, each of the 24 modes in the Ramanujan function corresponds to a physical vibration of the string...

When the Ramanujan function is generalized, the number 24 is replaced by the number 8. Thus, the critical number for the superstring is $8 + 2$, or 10. This is the origin of the tenth dimension. The string vibrates in ten dimensions because it requires these generalized Ramanujan functions (based on the number 8) in order to remain self-consistent. In other words, physicists have not the slightest understanding of why ten and 26 dimensions are singled out as the dimension of the string.

[Now read the next sentence carefully, and remember that this is being spoken by a mainstream scientific authority figure:]

It's as though there is some kind of deep numerology being manifested in these functions that no one understands...

In the final analysis, the origin of the ten-dimensional theory is as mysterious as Ramanujan himself. When asked by audiences why nature might exist in ten dimensions, physicists are forced to answer, "We don't know."

As we can see from the above passage, modern Superstring physicists feel that the energies making up the dimensions are "not symmetrical" in Ramanujan's octave-based system, and they therefore arbitrarily add two extra dimensions in order to make everything mathematically fit together. The ten dimensions of conventional "Superstring theory" come about from this abstraction - and in an equally inelegant manner, String theorists took Ramanujan's group of three octaves or 24 dimensions and added two more to get 26. One would think that if you had three different Octave systems, each of which had tremendous musical symmetry, that you would not want to break that symmetry in such a manner as to add only two more to the entire group - but most of them are probably not musicians!

In footnote number 13 on page 346 at the back of *Hyperspace*, Kaku shows us how the Octave can be re-introduced by taking away the two "extra" dimensions that they have added:

However, two of these vibratory modes can be removed when we break the symmetry of the string, leaving us with 24 vibratory modes, which are the ones that appear in the Ramanujan function.

Now that we understand vibration and the forms that it takes, it should be easy to see how this apparent mistake came about. As we will see in later chapters, our entire understanding of energy and quantum physics has many distortions. When these distortions are cleared up and we see the geometry that is at work, we find the exact "symmetry" that the String theorists believe we need to preserve with two extra "dimensions." With someone of Ramanujan's genius, it is more than likely that he or his information source was well aware of what they were doing; the simple fact that we still do not comprehend many of his theorems should be a big clue that we haven't yet "solved the puzzle." The addition of the two extra dimensions is simply a convenient shortcut to make everything look good on paper.

14.23 TANIYAMA-SHIMURA: MODULAR FUNCTIONS AS GEOMETRIC OBJECTS

As our research in this area continued after writing *The Shift of the Ages*, we were highly intrigued to discover that a mainstream scientific model already exists that directly associates Ramanujan's Octave-based modular functions with Platonic geometry! This comes about from the Taniyama-Shimura conjecture, which was mathematically proven only in the 1990's. This conjecture essentially states that all of Ramanujan's "Octave-based" modular functions can essentially be modeled as elliptic curves.

While the full definition of "elliptic curves" is quite complex, the main point is that these curves are actually shaped like a torus or doughnut, and are seen to wrap around Platonic geometries, specifically the cube. We were naturally very excited to discover this fact. (The mathematics that described this configuration are what led to Andrew Wiles' breakthrough mathematical proof in the mid-1990's of Fermat's Last Theorem, considered the "greatest mathematical puzzle of the last 300 years.")

So to put it in simple terms, modern mathematical theories are indeed supporting the results of our models of a fluid in vibration - i.e., Platonic geometries that are surrounded and created by spiraling or curving lines. As the Taniyama-Shimura conjecture shows us, Ramanujan's octave-based modular functions are ultimately geometric in nature, and the geometry is a surprisingly exact match to what we would have expected it to be in the harmonic model.

14.24 THE GEOMETRIC OCTAVE: PROBLEM SOLVED!

Seeing the dimensions or densities as organized into an octave gives us a perfect theory of vibration that unifies our seen and unseen universe into a single, utterly simple whole - a "theory of marble", as the physicists would call it, that is streamlined and elegant. It is vibration that connects all of these concepts together. We know that sound pitches or tones are nothing but vibrations of air molecules, and that colors are nothing but vibrations of photons of light. Similarly, the Platonic solids are another form of expressing vibration - in this case, the vibrations of the energy waves that converge on a point, rotating and spiraling inwards and outwards from a commonly shared center, in the form of Svava or "The Great Breath."

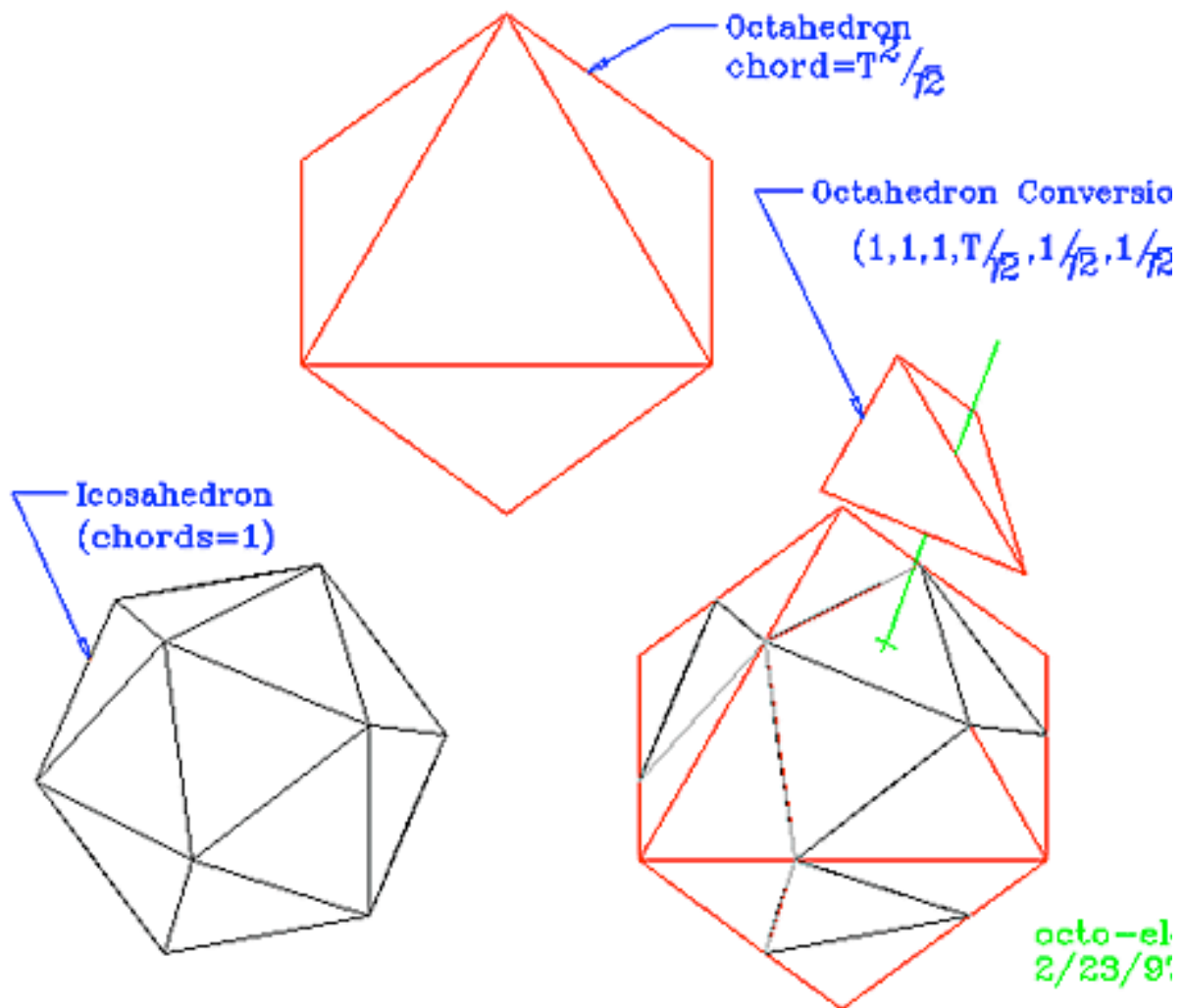
In the Vedic cosmology, we have a unique and very explainable positioning of the sphere and all five Platonic solids into the Octave. In this system, the

sphere and icosahedron are both seen twice, and that is how we get an octave of eight positions from six basic shapes - the five Platonic Solids and the one sphere. The image of this is pictured under 12.24.6 below.

In *The Shift of the Ages*, we have already described and diagrammed very clearly how the energy of the third-density octahedron could be seen to expand into the star tetrahedron and on up the chain. So far, with these geometric visualizations, we found the Hindu model to be well supported. However, we had run into a glitch when we tried to visualize how the second-density icosahedron could expand into the third-density octahedron, even though Robert Lawlor said that it could be done in his book *Sacred Geometry*. We puzzled over this problem for nearly four years, and only recently in October 2000 did we have the immense satisfaction of stumbling over a website that gives us a clear-cut diagram of how this would be done! Once again, the first object must make an angular tilt as it expands into the next object in the sequence.

So, we will now present the full range of tilts and adjustments that must be made, in order, so that the reader can see how everything changes in this progression of shapes.

14.24.1 CENTRAL ICOSAHEDRON INTO OCTAHEDRON



Alternate Octahedron Element

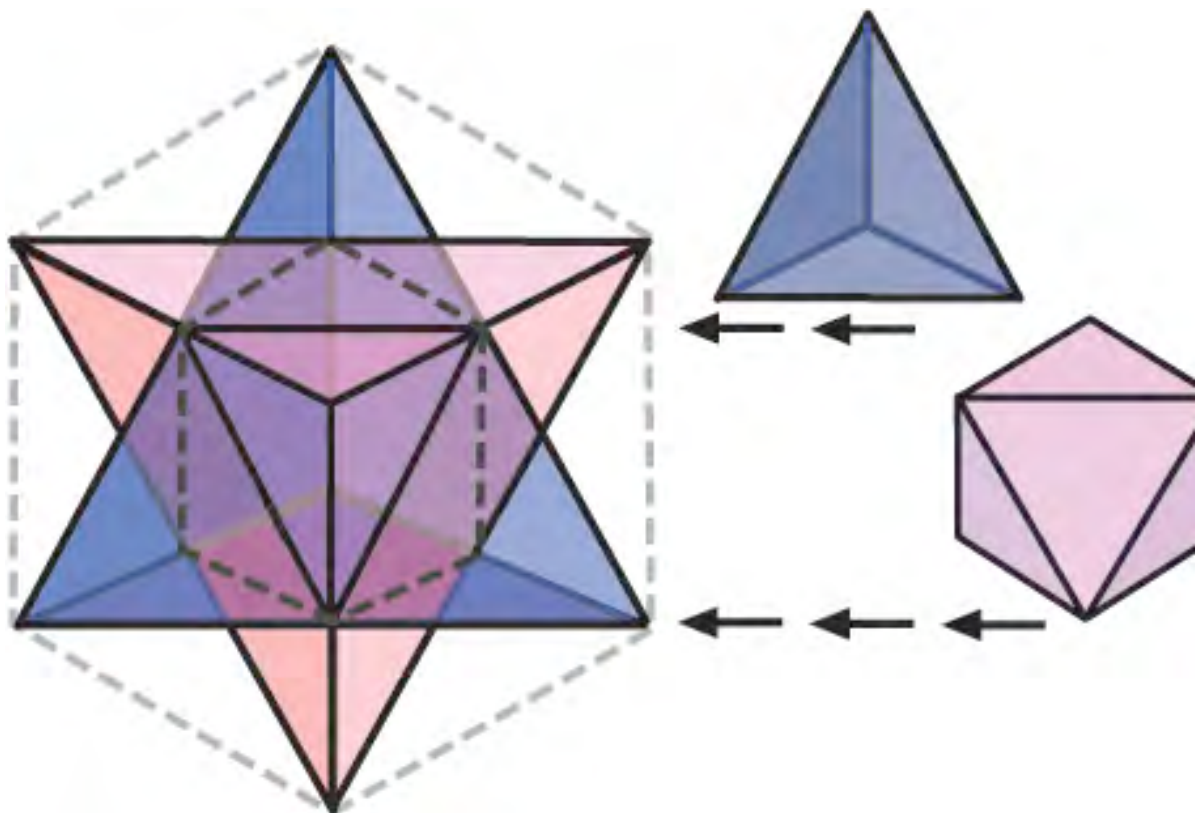
By angularly tilting the icosahedron on its side (we have not calculated the exact number of degrees of tilt that are necessary,) and adding a special harmonic tetrahedral shape in twelve different places, we can build the octahedron. And as we will see later, a crop circle appeared in early 2000 that showed us the inner workings of this expansion! In any of these cases where the Platonic Solids are seen to expand, a ratcheting, tilting motion must take place as the spiral causes the shape to naturally expand - and it is the simple increase in vibrational density that produces this result. When you have a higher vibration, the shapes transform into objects of greater complexity. It is interesting to see how the icosahedron can appear at both ends of the spectrum in the Vedic model, at the second and seventh dimension.

In this Octave system, the icosahedron is the first geometry to crystallize out of the sphere and the final geometry to exist before the vibrations melt back into the purity of the sphere once again. We hope in the future to find a computer programmer who can create a truly accurate animation of this pulsating, ratcheting, tilting, rotating process, as ultimately it is not difficult with the software technologies now available. For those who are interested, the image and detail of the icosahedron to octahedron expansion is by Robert Conroy.

14.24.2 OCTAHEDRON INTO TETRAHEDRON

The octahedron lies at the center of the star tetrahedron, and this is easily seen in the next diagram below, where in the top right we show how one of eight tetrahedrons attached to each face of the octahedron on the right will then form the star tetrahedron to the left.

It is important to remember at this point that these harmonic shapes do not simply "sit there" in space-time - they are rotating. The spherical torus that surrounds them, described and illustrated in previous chapters, shows us where the axis of rotation is. Notice that if the octahedron would normally rotate on an axis that went from tip to tip, it would be forced to tilt at a 45-degree angle to its side as it becomes the star tetrahedron, which then would have a different tip-to-tip axis. In this picture the octahedron is the shaded object on the right, and its star tetrahedron transformation is shown on the left. We can see that the octahedron needed to be tilted on its side in order to "fit" into the new shape, where each face of the octahedron sprouts up into a tetrahedron. Similar movements can be seen in the Windows "3D Flower Box" screen saver, at Start- Settings- Control Panel- Display- Screen Saver- 3D Flower Box- Settings- Tetrahedron:



14.24.3 STAR TETRAHEDRON INTO CUBE

Next, if we connect the tips of the star tetrahedron together we will get a cube. This can be seen in the above diagram, where the hexagonal "box" formation is drawn around the six outer tips of the star tetrahedron. By studying the Global Grid information of Bruce Cathie and other sources, it appears that the cube has a "best fit" in the spherical torus, and in this "best fit," none of the tips are aligned with the poles of the CU.

The most symmetrical and stable position for the cube seems to be when four of its points are above the equator and four below. This would cause the north-south axis of the CU to cut through the center of two cube faces, one on the top and one on the bottom. If this is the natural "rest point" for the cube in the CU, then we would need to rotate or tip the star tetrahedron to its side as it expands, again by exactly 45 degrees. Furthermore, this orientation of the cube allows us to fit in the octahedron in its proper orientation, with its tips aligned north to south. We can see this cube-octahedron alignment in the image that is seen after the next immediate one below.

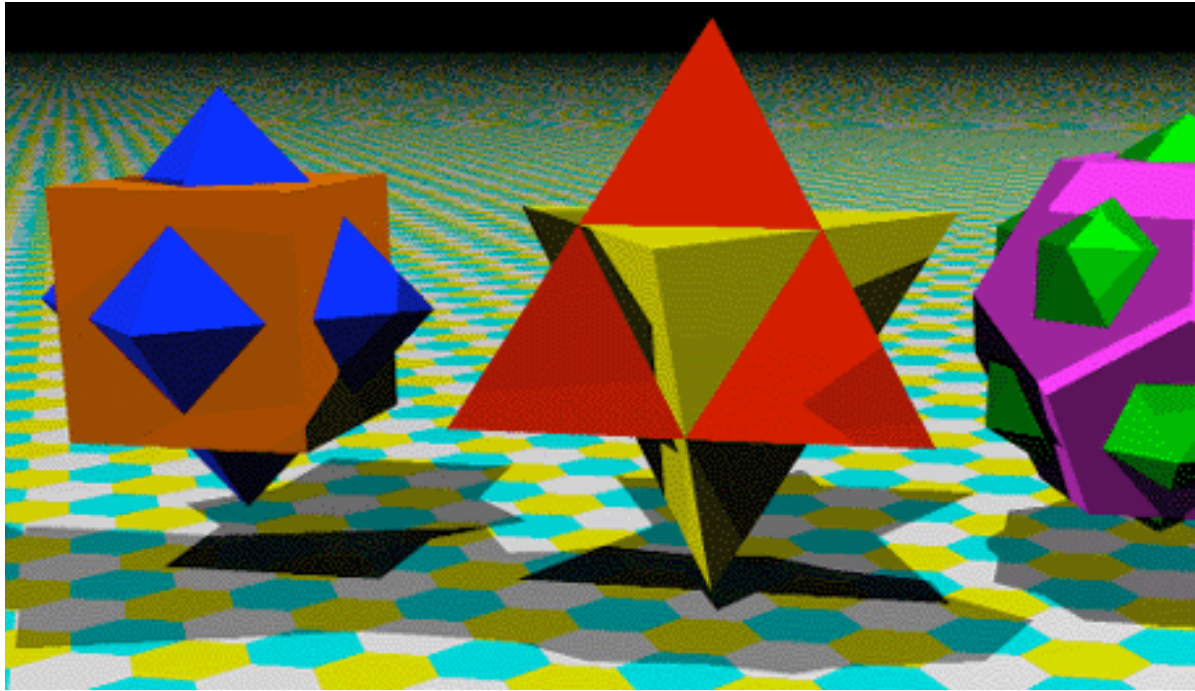
14.24.4 CUBE INTO DODECAHEDRON

Next, each face of the cube expands up into a rooftop-type shape made of five equidistant lines, and the three and two-sided edges of the 'rooftops' join together to form pentagons. In this next image, only two sides of the cube are visible as dotted lines, and they do not appear identical in shape. For this expansion, the cube must tilt into one of two different angular positions (which we have not calculated) as the dodecahedron's own rotational axis is established:



ICOSAHEDRON

14.24.5 DODECAHEDRON INTO FINAL



Bruce Rawles' Interpenetrating Platonic Solids, formed with the POV program.

Finally, every face of the dodecahedron will spiral and blossom into a star or Chevron shape, forming the icosahedron. Each line in the new icosahedron divides each line of the dodecahedron exactly in half. It seems that no rotational tilt of the axis is necessary to complete this transition, as the Grid shows us that the dodecahedron is perfectly and equally nested together with the icosahedron. The above diagram, created on Bruce Rawles' Sacred Geometry website by the Persistence of Vision (POV) ray-tracing program, shows the Hindu-prescribed growth of a dodecahedron into an icosahedron clearly on the far right side.

14.24.6 ICOSAHEDRON INTO SPHERE

Finally, the icosahedron gives way to Unity as it is the closest Platonic Solid to the sphere itself, where the vibrations cease to exhibit geometry and instead reach Oneness. Again, at this point, it appears that any tilt or rotation is probably no longer necessary:



14.25 THE PROBLEM IS SOLVED

So, the geometric part of the puzzle appears to be solved by the Hindu cosmology. Somehow, the designers of that cosmology had worked out these various harmonic relationships, involving rotation, angular tilting and size expansion - all of which occur quite naturally in Dr. Fuller and Dr. Jenny's experiments by simply increasing the frequency of vibration in a given liquid. Furthermore, if you haven't already thought of this by now, let's remember that we now have a firm model to explain how a planet could have a sudden

"pole shift." If these geometries organize and shape the continents, then what happens as the Grid expands? We remember the work of Dr. Athelstan Spilhaus for the NOAA, who showed that the Earth's continental expansion followed the guidelines of these geometric forms. As they continued to grow and shape the continents in different ways, they would need to make tilting readjustments to the planetary axis of rotation in order to hold their form.

Ra explains quite clearly that they have "every reason to believe" that the Earth will make a "20-degree realignment" of its axis as this energy shift happens. If we divide the 360 degrees of a circle by 20, we get 18 different units or shape faces. Twenty is a very "geometric" angle for the Grid to move, and we suspect that it involves a tilt of the Becker-Hagens grid that we saw earlier, which has 120 different faces. If we remember, this grid was formed by taking two icosahedron shapes and tilting them inside of each other, then connecting all the lines together. This forms what Drs. Becker and Hagens call the "Unified Vector Geometry 120 Polyhedron."

So, in closing this chapter, it is likely that mainstream scientists will obviously not enjoy or understand how an ancient culture could have the "missing link" that dramatically simplifies and unifies all the modern aetheric physics theories that we have been discussing here. Although it may seem unbelievable that such a "primitive" culture could have had access to this type of information, the proof is there for anyone to see. We are grateful for finding Prasad's classic book, as now we can truly see what scientific mastery exists in the Vedic cosmology. In future chapters as we tackle the connection between CUs and time, we will be calling on this book yet again, so our surprises are still not over. Seth's work also will have more enlightening concepts for us in this area when we venture into a discussion of time.

In the next chapter we will see that the ancient Aryans of India were not alone in their grasp of the universal energy system of the consciousness unit; indeed, the archetype of the "World Tree" shows up in a remarkable number of different mythologies from around the world, and its descriptions are very obviously and unambiguously connected to the properties of the CU.

14.26 RECAP

14.1 In this chapter we have fused together ancient, modern, and "extraterrestrial" concepts regarding the higher densities.

14.2 Modern science has many different, conflicting concepts about the number of "dimensions" in the universe. Ancient / extraterrestrial aetheric science agrees that there are eight "true color" densities of aetheric vibration.

14.2.1 Modern scientists believe that there are other 90-degree or "orthogonal" rotations that we can make in space to go into a "higher dimension." This is a mathematical concept only and forms a physical paradox, as we described.

14.2.2 Our scientists have confirmed that Platonic geometries must be involved with higher dimensions, though they do not seem to understand why.

14.2.3 The idea of geometry as a vibration fits the observed data much more clearly.

14.3 Dr. Richard Thompson and others are now revealing that the ancient Vedic culture of India had a high degree of scientific advancement, including a knowledge of the Solar System, flying craft and nuclear weapons. A clear connection to aetheric / "dimensional" cosmology can also be made.

14.4 In the Vedic system, the term "Prakriti" means "undifferentiated cosmic matter."

14.5 The One Creator is named Parabrahman or Brahman, and it is said to undergo a "Great Breath" in the Vedic cosmology.

14.6 The Vedic word for levels of aetheric vibration is "Tattvas." Though they are typically modeled in a five-fold system, they can also be modeled in a seven-fold system, thus again showing us clear evidence of an "Octave" cosmology.

14.7 The word "Prana" is similar to our concept of aether, as it represents "an ocean of the five basic Tattvas." We can see a clear connection to fluidlike energy here.

14.8 The term "Svara" refers to "the current of the life-wave" in the Universe, which Ra calls the "spiraling line of light." This is the basic line of movement that the expanding-contracting actions will follow. Excerpts from Seth illustrate the point more clearly.

14.9 The "Great Breath" of Parabrahman is also associated with heating and cooling, and the Vedic cosmology states that when the aethers were first formed, they were "thrown into spheres." This is again a remarkable correspondence to observation.

14.10 The word "Manu" refers to the Universal Mind, and in our planetary environment there are seven Lokas, or vibrational levels of existence; another clear connection.

14.11 The Vedic concept of "Trutis" is literally identical to what we have already discovered regarding "Consciousness Units."

14.12 Seth describes Consciousness Units as having the structure of a spherical torus, as we would expect.

14.13 Seth gives an in-depth understanding of the electromagnetic qualities of CUs.

14.14 The vibrational components of the CU are outlined by Seth as well, incorporating sound and color as well as geometry.

14.15 CUs are directly responsible for forming matter in Seth's cosmology, and this is linked directly with consciousness.

14.16 Seth describes how these units obey principles of attraction and repulsion, which we see in the gravity / levity balance, magnetism and other forces. The connection is also established that the degree of "charge" in a consciousness unit is formed by the amount of emotional / vibrational energy

that was originally put into its production.

14.17 Seth's description of the behavior of CUs also involves an expanding / contracting pulsation.

14.18 In the Seth cosmology, emotional energy is the primary force behind the manifestation and behavior of consciousness units.

14.19 The connection between emotional energy and the creation of matter-forming units leads to the oft-cited philosophy of "You create your own reality."

14.20 The Vedic cosmology also demonstrates knowledge of the push-pull effect between the aetheric movements of "Gravity" and "Levity."

14.21 Prasad tells us that "The science of breath, and its connection to the Cosmos, is the single deepest secret of all esoteric orders." In the Vedic system this idea of breath is directly connected with the Sun.

14.22 Ramanujan may well have had the knowledge of Vedic cosmology in mind when he formed his Octave-based "modular functions," which are still the primary mathematical system for "higher dimensions" used by Superstring theorists.

14.23 The Taniyama-Shimura conjecture showed that Ramanujan's "modular functions" can be mathematically connected with the geometric forms of the Octave.

14.24 We again review the geometric Octave as being the sphere, central icosahedron, octahedron, star tetrahedron, cube, dodecahedron, icosahedron and sphere.

14.24.1 As the central icosahedron expands into the octahedron it makes a slight angular tilt, and this is modeled in Robert Conroy's diagram.

14.24.2 The octahedron to tetrahedron expansion involves a tilt of 45 degrees.

14.24.3 The tetrahedron to cube expansion involves another 45 degree tilt.

14.24.4 The cube into dodecahedron transformation is revealed by a "rooftop" shape that pops up on each cube face. Two and three-sided areas of the "rooftops" join to form the pentagonal faces of the dodecahedron.

14.24.5 The dodecahedron naturally expands back into the icosahedron without a tilt.

14.24.6 The icosahedron into sphere is the most mysterious transformation of all, moving out of straight-lined geometry altogether.

14.25 In closing, the Vedic / Hindu cosmology that we have seen in this chapter has an almost unbelievable amount of correspondence to the aetheric model. In the next chapter we will see that many worldwide mythologies have visualized the complex structure of the CU and called it the "World Tree."

CHAPTER 15: SACRED LEGENDS OF THE WORLD TREE

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15.1 WORLD TREE / CONSCIOUSNESS UNIT CONNECTION

Ancient seers went out-of-body and reported their observations of the structure of the CU, often calling it the "World Tree" after their sighting of the main central axis. We will show that this concept reappears in a remarkably similar fashion across a huge number of different cultures, and a clear connection to the spherical torus can easily be established; it is, literally, one and the same formation. Many of the legends state that by "reaching the trunk and climbing the tree," powerful mystical experiences in higher planes will result. Certain photographs of ancient designs, such as this next image of the Shinto goddess Quan Yin, show that these mystics were all seeing the same formations while in Spirit, only interpreting them differently upon returning to their physical bodies, depending upon their existing cultural mythologies.



Shinto goddess Quan Yin, showing obvious formation of spherical torus.

The Quan Yin image shows obvious signs of “spheres within spheres” in the main area surrounding her body, cone-shaped areas that taper in towards the center from both the north and south poles, and even a “corona” inside the sphere formed by all of the bracelets on each of Quan Yin’s many arms. The god at the very top of the image has six lines radiating away from itself, which again show the typical vortex movement that we would expect. The only slight distortion from our scientific CU observations in the image is that the bottom of the CU is elongated more than we would expect, due to the placement of Quan Yin’s feet on the platform.

We should remember that many ancient cultures did not have any type of language to describe complex geometric forms, and thus it would be natural

to “anthropomorphize” (place in human terms) what they had seen. We should remember that there are a series of spheres inside the CU; the central spiraling axis looks like a tree trunk that spreads up into the domelike “branches” of the layers of nested spheres at the top. This sphere was also referred to as a “mountain,” a “tent” or a “cosmic egg” in other visions, though by far the World Tree idea appears most frequently.

Almost all of the visions state that the human plane is the flat area in the middle of the sphere. Modern scholars interpret this as indicating a “Flat Earth” theory, and subsequently discard the models as useless. However, in our Solar System the plane of the ecliptic is where all physical life resides; the physical planets only orbit through this “flat” zone, and a person traveling out of body in the proper area would see this. Since the Earth is contained within this flat plane, ancient seers would view the entire spherical structure from Earth’s perspective, at least initially.

15.2 A NEW INTERPRETATION OF “HAMLET’S MILL”

The groundbreaking work known as “Hamlet’s Mill” by Drs. Giorgio de Santillana and Hertha von Dechend revealed that the “World Tree” is arguably the single most prevalent concept in all ancient mythologies. In Hamlet’s Mill they associated all of these myths with a slow wobble in the Earth’s axis. This slow wobble is known as “precession” and plays a very important role in our final argument for a rapidly-approaching energy shift for the Earth at this time. Later in the book we will discuss the precession in more detail, as we have also done in The Shift of the Ages. While there is undoubtedly a connection between the movement of Earth’s rotational axis and the World Tree mythologies, in this chapter we will suggest that our aetheric interpretations are very likely to be true as well, given what we now know about spherical torus energy systems. The metaphors often indicate a collapsing of the World Tree, which is interpreted as magnetic pole shift, but it clearly could involve a massive change in the Sun’s energetic field as well.

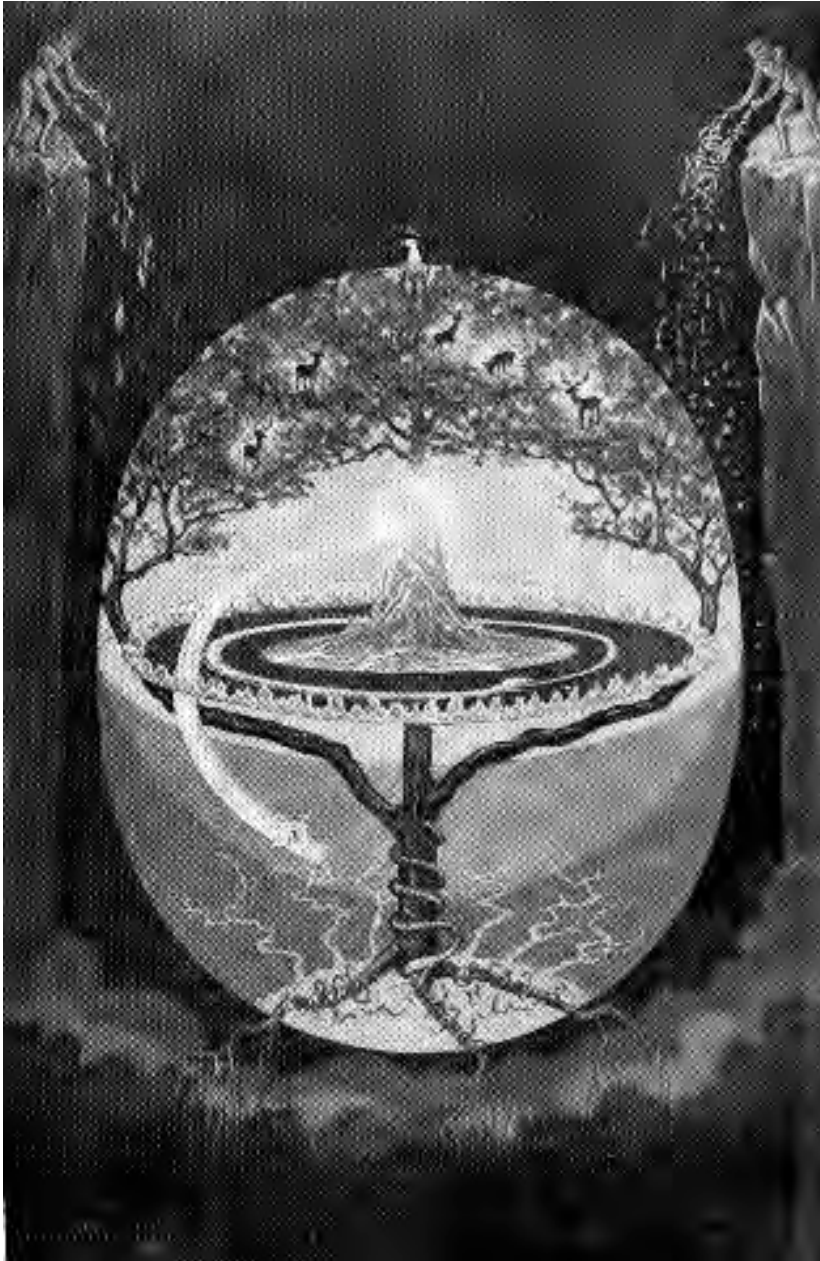
15.3 THE ESOTERIC / SCIENTIFIC MEANING OF TREE SYMBOLS

So, let us begin with a quote from Manly Palmer Hall’s seminal work The Secret Teachings of All Ages to grasp the esoteric meaning of tree imagery in various secret traditions. We will immediately see how pervasive of a metaphor it turns out to be, and how it is almost always associated directly with the Cosmos itself:

“Several ancient peoples – notably the Hindus and Scandinavians – regarded the Macrocosm, or Grand Universe, as a divine tree growing from a single seed sown in space. The Greeks, Persians, Chaldeans and Japanese have legends describing the axle tree or reed upon which the earth revolves. Kapila declares the universe to be the eternal tree, Brahma, which springs from an imperceptible and intangible seed – the material monad. The mediaeval Quabbalists represented creation as a tree with its roots in the reality of spirit and its branches upon the earth. Madam Blavatsky notes that the Great Pyramid was considered to be a symbol of this inverted tree, with its root at the apex of the pyramid and its branches diverging in four streams towards the base.

“The Scandinavian world-tree, Yggdrasil, supports on its branches nine

spheres or worlds, which the Egyptians symbolized by the nine stamens of the persea or avocado. All of these are enclosed within the mysterious tenth sphere or cosmic egg – the definitionless Cipher of the Mysteries.”



Manly Palmer Hall's rendition of the Yggdrasil "World Tree"

As we can see, the image leaves no doubt as to the true nature of the vision; it is not necessary for us to understand and explain every term that Hall uses in his writings. We should also remember that Hall was drawing his interpretation of the vision based on the detailed written accounts but not from first-hand OBE observation, and thus a certain amount of distortion is to be expected. The important point in the above statement is that when you are inside the CU, you would see the axis as the "tree trunk," and each sphere nested within the other would appear as a separate canopy layer of "branches." Thus when the legend says that Yggdrasil (egg-draw-sill) supports nine spheres on its "branches," this is simply how the ancient Scandinavian seers interpreted their perception of the planes of existence. These nine

spheres could very well have been a vision of the nested spherical fields surrounding and upholding the orbits of each planet in the Solar System. This would also explain why rings were seen in the flat central area, in this case shown by the serpent chasing its own tail.

The person who first witnessed this energetic formation in a given culture would create a metaphorical "folklore" interpretation, and obviously it would be quite amazing for others to go out-of-body and witness the same structure for themselves. The spiraling energy that comes up from the southern pole of the CU is clearly seen in the above image, and it was interpreted by these Scandinavian seers as a serpent coiled around the trunk. Perhaps the three "roots" that were reportedly seen were actually the three converging lines of the tetrahedron at the south pole, which might very well extend below the pole in holographic / resonance fashion to form the top of another tetrahedron as well. The metaphor also calls for a variety of "worms" that surround and "eat" at the "roots," thus suggesting smaller areas of spiraling energy flow away from the tetrahedron.

The other important point is that the Scandinavian and Quabbalistic systems have broken down the number of higher planes into ten. Planetary interpretations aside, when we study Rod Johnson's new system of quantum physics we will see that there is a progression of ten basic geometric shapes that the quantum forces move through. So, although there are different ways to interpret the total number of planes, we are consistently advised by Ra to focus on the visible light spectrum as representing the purest breakdown for the Octave of densities. We now continue with Manly Palmer Hall's excerpt:

"The Quabbalistic tree of the Jews also consists of nine branches, or worlds, emanating from the First Cause or Crown, which surrounds its emanations as the shell surrounds the egg. The single source of life and the endless diversity of its expression has a perfect analogy in the structure of the tree. The trunk represents the single origin of all diversity; the roots, deeply imbedded in the dark earth, are symbolic of divine nutriment; and its multiplicity of branches spreading from the central trunk represent the infinity of universal effects dependent upon a single cause.

"The tree has also been accepted as symbolic of the Microcosm, that is, man. According to the esoteric doctrine, man first exists potentially within the body of the world-tree and later blossoms forth into objective manifestation upon its branches. According to an early Greek Mystery myth, the god Zeus fabricated the third race of men from ash trees...

"The concept that all life originates from seeds caused grain and various plants to be accepted as emblematic of the human spermatozoon, and the tree was therefore symbolic of organized life unfolding from its primitive germ. The growth of the universe from its primitive seed may be likened to the growth of the mighty oak from the tiny acorn. While the tree is apparently much greater than its own source, nevertheless that source contains potentially every branch, twig and leaf which will later be objectively unfolded by the processes of growth."

From these paragraphs of Hall's work, we can see that the tree metaphor is a highly useful one. The Vedic models for the creation of the universe indeed talk about there being a spiraling, breathing movement, or "Svara," that acts

upon the undifferentiated cosmic matter known as "Prakriti" to eventually form the reality that we now know. Energetically, the Solar System itself is formed from the Sun, and all lifeforms could be seen to originate from the Sun as well. Therefore, to this way of thinking, we can indeed be a representation of the "fruits" of the tree. Phyllis Atwater's near-death vision of the CU at the end of the chapter also shows this concept.

It is interesting that Hall would indicate that the energy body of human beings could be seen in the form of the "World Tree" as well, as all the ancient seers confirm that the human aura appears as a series of nested spherical torus formations. Modern seers such as Barbara Ann Brennan have confirmed that each "chakra" is shaped like a two-ended trumpet, and this is a visualization of where each spherical torus or energy body has its axis. We will have more to say on this, with images, in later chapters. For now, we continue:

"Man's veneration for trees as symbols of the abstract qualities of wisdom and integrity also led him to designate as trees those individuals who possessed these divine qualities to an apparently superhuman degree. Highly illumined philosophers and priests were therefore often referred to as trees or tree men – for example, the Druids, whose name, according to one interpretation, signifies the men of the oak trees, or the initiates of certain Syrian Mysteries who were called cedars; in fact it is far more credible and probable that the famous cedars of Lebanon, cut down for the building of King Solomon's Temple, were really illumined, initiated sages. The mystic knows that the true supports of God's Glorious House were not the logs subject to decay but the immortal and imperishable intellects of the tree hierophants...

"Many of the great sages and saviors carried wands, rods or staves cut from the wood of sacred trees, as the rods of Moses and Aaron; Gungnir – the spear of Odin – cut from the Tree of Life; and the consecrated rod of Hermes, around which the fighting serpents entwined themselves.

"The numerous uses which the ancients made of the tree and its products are factors in its symbolism. Its worship was, to a certain degree, based upon its usefulness. Of this J.P. Lundy writes: "Trees occupy such an important place in the economy of nature by way of attracting and retaining moisture, and shading the water-sources and the soil so as to prevent barrenness and desolation; they are also useful to man for shade, for fruit, for medicine, for fuel, for building houses and ships, for furniture, for almost every department of life, that it is no wonder that some of the more conspicuous ones, such as the oak, the pine, the palm and the sycamore, have been made sacred and used for worship..."

With this esoteric knowledge in place, many other metaphorical statements involving trees, pillars, poles and columns may be re-interpreted, giving new and more in-depth understandings. As we have seen, in some cases the illumined sages are themselves referred to as "trees." Since the World Tree formation would appear to be the ultimate spiritual vision to be attained, this should not come as a huge surprise.

Much of the material that we are uncovering in this chapter can certainly be developed much farther than we will do now, paving the way for future authors to enhance the profile of this research. The next series of excerpts all come from the Internet compilations of Robertino Solarion at <http://>

www.apollonius.net/cosmictree.htm, and often we will allow them to speak for themselves. In each case we will begin with the Internet link followed by the quotes themselves:

15.4 FINNISH FOLKLORE COSMOLOGY

<http://virtual.finland.fi/finfo/english/muinueng.html>

"[In the Finnish belief systems and other Eurasian folklore,] the Cosmos was divided into three zones: the upper world, the middle world and the underworld. This tripartite structure is one of the oldest north Eurasian folk beliefs. The three cosmic planes were joined together by the cosmic tree, the cosmic column or the cosmic mountain located in the centre of the world. The top of the column was attached to the North Star, about which the heavens rotated. The Finns also likened the North Star to a hinge and spoke of the "heavenly hinge", likewise the "north pin", the "celestial keeper", the "pole star" and the "heavenly pole"."

15.5 LITHUANIAN SHAMANIC COSMOLOGY

<http://www.lithuanian.net/mitai/cosmos/baltai2.htm>

"Along with myths describing the origin of the world, its schematic symbolic representation appears. Many nations, especially Indo-Europeans, have the notion of the World-Tree. Some nations call it the Cosmic Tree or the Life-Tree. The vertical structure of the World-Tree, and thence the world model, as represented in the Lithuanian folk painting, was analysed in detail by Dundulienò and Vòlius. The World-Tree usually is shown as a powerful tree with wide spread branches, with its top reaching heaven and its roots going deep into the earth. The tree-top is the dwelling place of heavenly bodies and eagles, while in its branches other birds live; under the tree are men and animals and, still lower, is the dwelling place of snakes and other reptiles. From under the roots spurt springs of life and wisdom. Thus, the World-Tree represents the world as an indivisible entity, uniting the three spheres: the heaven, the earth and the underground. The mythical imagery of the Baltic World-Tree is probably a reflection of the holly oaks and ash-trees, as it may be concluded from the folk-tales.

"The World-Tree is a widely spread image in the Lithuanian folk painting, and some hint of it is also found in the Lithuanian and Latvian folklore. It is frequently engraved or painted on the objects of daily use among peasants: dowry chests, cupboards, towel holders, distaffs, laundry beaters, crochet works, etc. Wood engravings of the World-Tree sometimes contain two segmental symbols of the Sun, surrounded by a circle of stroked squares, triangles and rhombs. The latter are symbolic imagery of tilled earth and sowed fields. [Note: We can also see the clear relation of this to the aetheric geometries we have been investigating in this book.] The upper Sun shines in the daytime and gives warmth, while the lower one was believed to cross the underground lagoon from the west to the east in a small boat, bringing dew to grass and crops.

"The oldest grave monuments in Lithuania are wooden krikantai, made from a board incised in the form of a tree. They used to be erected at the dead man's feet, perhaps in a hope to make his access to the heaven easier. To the

World-Tree imagery belong Lithuanian memorial crosses and wooden roofed poles (chapels), also. Such roofed poles used to be (and still are to our day) erected at farm-steads, roadsides and cemeteries. They may have originated from the ancient ritual poles at which sacrifices were offered to gods. The idea of such sacral objects is to direct the path of the prayer towards the dwellings of gods. Very common are three-storied roofed poles, where each story represents a separate sphere of the World-Tree."

15.6 SIBERIAN SHAMANIC COSMOLOGY

<http://www.uwgb.edu/galta/mrr/siberian/cosmol1.htm>

"...Cosmology is the nature of the universe. One of the techniques shamans hold is to pass from one cosmic region to another -- from earth to the sky or from earth to the underworld. Shamans are able to break through the plane between different worlds, or cosmic zones. The Shaman believes that the universe is thought to have three levels: sky, earth, underworld, all of which are connected by a central axis. This type of symbolism shows the connection of the three worlds to be simple but the interconnection is very complex. It has a history, but due to modification and new symbolism it may have contradictions. However, the central idea remains the same. It still is composed of three worlds and a central axis which goes through an "opening" or hole. [Through] this "opening," the soul of the shaman [in] ecstasy can fly either up or down during the course of his celestial journeys. The gods can either come down to the dead in the underworld or down to earth.

"In many world tribes the people imagine the sky as a tent. The Yukat tribe believes the stars are the windows of the world which provide fresh air for all planets. The meteors are explained as a time when the gods open the tent to look at the earth. The sky is also seen as a lid. Sometimes the lid does not reach to all the corners of the earth and then the fret winds blow through the cracks. It is also thought that through this narrow crack that heroes and other important beings can make their way through to enter the sky."

Here, we should point out how certain distortions could be created. Let's say that a seer originally discerned the form of the CU out of body, and used popular terms such as the idea of a "tent" to interpret the vision. Then, if the culture did not have a great deal of scientific development, it would be easy for subsequent observations to be co-opted into the original metaphor. The powers of imagination in the ordinary waking state could connect the tent metaphor with the idea of meteors, and this in time could become a commonly accepted teaching. Of course, most scholars would reject all the evidence together, due to the fact that we obviously now know how meteors originate.

"In the middle of the sky shines the Polar Star which holds the celestial tent like a stake. The Samoyen tribe refers to it as the "Sky Nail." It has also been called the "Nail Star," "Iron Pillar," and "Solar Pillar." A similar and related mythical image is that the stars are linked invisibly to the Polar Star. The Buryat picture the stars as a herd of horses and the Polar Star, the "Pillar of the World," as the stake to which they are tethered. (Elaide 261)

The Cosmic Mountain

"The Cosmic Mountain is another mythical image of the center of the world. It is said that the first shaman, Bai Ulgan, is seated on top of the mountain. The mountain is also known as the Iron Mountain and is pictured to have seven stories. The Cosmic Mountain makes the connection between the earth and sky. When the Yukat shaman takes his mystical journey, he climbs the mountain. The Buyrat say that the Polar Star is fastened to its summit. The gods grasped this Cosmic Mountain and stirred the primordial ocean, giving birth to the universe.

"A future shaman may climb the Cosmic Mountain during his initiatory sickness. Ascending the mountain always signifies a journey to the Central World. Another image is that of the Center of the World, which has been presented in many ways. One image is the World Tree.

The World Tree

"The Cosmic Tree is essential to the shaman. He makes his ceremonial drum from the wood of the tree. Its branches reach to the palace of Bai Ulgan. In the legends of the Abakan Tatars, a white birch [tree] with seven branches grows on the summit of the Iron Mountain. The gods use the tree as a hitching post for their horses, as they do the Pillar of the World. (Elaide 270)

"The tree also connects the three cosmic regions. The Lreibe, called the Vasyugan-Ostuyak, believe that its branches touch the sky and its roots go down into the world. According to Siberian Tartars, a replica of the celestial tree stands in the underworld. A fir tree stands before the palace of Irle Kan, the King of the Dead. The King's sons also hitch their horses to the trunk of the tree.

"The World Tree represents many things. On one hand, it represents the universe in continual regeneration, the continual spring of cosmic life, and a reservoir for the saved. It also represents the sky or the heavens, which are very important to the Siberian shamans. The tree is also seen as the Tree of Life and Immortality.

"The Tungus say that before birth, the souls of little children perch on the branches of the Cosmic Tree. The shamans go there to find them in their initiatory dreams.

15.7 BALTIC "SUN TREE"

<http://www.britannica.com/bcom/eb/article/8/0,5716,119808+3,00.html>

Baltic Mythology

Cosmology

"...The notion of a sun tree, or world tree, is one of the most important concepts regarding the cosmos [in Baltic mythology.] This tree grows at the edge of the path of Saule, and the setting sun (Saule) hangs her belt on the tree in preparation for rest. It is usually considered to be an oak but is also described as a linden or some other kind of tree. The tree is said to be located in the middle of the world ocean or generally to the west.

15.8 NORTHERN ASIAN SHAMANIC COSMOLOGICAL METAPHORS

<http://www.britanica.net/bcom/eb/article/9/0%2C5716%2C117459%203%2C00.html>

Shamanism Worldview

The Universe

"The classic worldview of shamanism is found among the peoples of northern Asia. In their view the universe is full of heavenly bodies peopled by spiritual beings. Their own world is disk-shaped--saucerlike--with an opening in the middle leading into the Netherworld; the Upper World stands over the Central World, or Earth, this world having a manyfold vault. The Earth, or Central World, stands in water held on the back of a colossal monster that may be a turtle, a huge fish, a bull, or a mammoth. The movement of this animal causes earthquakes. The Earth is surrounded by an immense belt. It is connected with the Upper World by the Pillar of the World. The Upper World consists of several strata--3, 7, 9, or 17. On the navel of the Earth stands the Cosmic Tree, which reaches up to the dwelling of the upper gods."

Again, to most scholars the idea that the Earth is held on the back of a colossal monster must seem to be completely preposterous. We must again remember that cultures use language to interpret reality, and if their language had no terms to describe geometric structures, then it wouldn't be difficult for them to give animal names to whatever they witnessed in the OBE state. Then, the metaphorical interpretation comes to be believed as a literal reality, thus leading ideas such as the notion of earthquakes being caused by the movement of a giant creature.

15.9 HUNGARIAN SHAMANISM AND THE WORLD TREE

<http://www.insa-tlse.fr/~jacobins/hongrie/chamana.htm>

Shamanism

"The religious concepts of the Hungarians from the Time of the Conquest, which were formed during their long stay in the Euro-Asian Steppes, were not dogmatic in nature but had more to do with shamanic faiths. According to shamanism, the world is divided into three levels: the middle one corresponds to our world, the highest level is inhabited by the gods and the spirits which rule the universe, and the lower level consists of the obscure world of the dead and the kingdom of the evil spirits. These levels are connected to each other by a magic tree, the "Tree of Life" or "Cosmic Tree", whose roots descend into the inferior world and whose highest branches reach the superior world.

"The shaman, who possessed special powers and knowledge useful in obtaining benevolence and assistance from the other world, assured communication between man and the gods (spirits)."

The idea that the area below the ecliptic represents "lower planes" and the area above the ecliptic represents "higher planes" may have some scientific

connection, but it is also certainly possible that this was just a simpler way for the seers to articulate the information that they received. In Phyllis Atwater's near-death vision in the end of this chapter she does not indicate the lower areas as being intrinsically lower in vibration.

15.10 SIMILARITY OF ASIAN / EUROPEAN "WORLD TREE" METAPHORS

<http://www.arthistory.sbc.edu/sacredplaces/trees.html>

Christopher L.C.E. Witcombe, Sweet Briar College, 1998

"...Some trees become sacred through what may have occurred in their proximity. It was under a pipal tree that Siddhartha Gautama (born 566 BCE) meditated until he attained enlightenment (Nirvana) and became the Buddha. The Bodhi or Bo (Enlightenment) tree is now the centre of a major Buddhist sacred shrine known as Bodh Gaya.

"For the ancient Celts, the Yew tree was a symbol of immortality, and holy trees elsewhere functioned as symbols of renewal [see Brosse in the BIBLIOGRAPHY]. A tree scarred by lightning was identified as a tree of life, and, according to Pliny [see BIBLIOGRAPHY] the Celtic Druids believed that mistletoe grew in places which had been struck by lightning. The Druids performed rituals and ceremonies in groves of sacred oak trees, and believed that the interior of the oak was the abode of the dead. In India, it is believed that the Brahma Daitya, the ghosts of Brahmans, live in the fig trees, the pipal (*ficus religiosa*), or the banyan (*ficus indica*), awaiting liberation or reincarnation. Among the eight or so species of tree considered sacred in India, these two varieties of fig are the most highly venerated.

"The identification of sacred trees as symbols of renewal is widespread. In China, the Tree of Life, the Kien-Luen, grows on the slopes of Kuen-Luen, while the Moslem Lote tree marks the boundary between the human and the divine. From the four boughs of the Buddhist Tree of Wisdom flow the rivers of life. The great ash tree Yggdrasil of Nordic myth connects with its roots and boughs the underworld and heaven.

"In Japan, trees such as the cryptomeria are venerated at Shinto shrines. Especially sacred is the sakaki, a branch from which stuck upright in the ground is represented by the shin-no-mihashira, or sacred central post, over and around which the wooden Shrines at Ise are built. The shin-no-mihashira is both the sakaki branch and the pillar confirmed in the nethermost ground, like the heaven-tree in many Japanese legends.

"Sacred forests still exist in India and in Bali, Indonesia. The holy forests in Bali are annexed to temples that may or may not be enclosed in it, such as the Holy Forest at Sangeh [see Vannucci in the BIBLIOGRAPHY]. The general feeling of respect and veneration for trees in India has produced a great variety of tree myths and traditions.

"One of the Five Trees in Indra's paradise (*svarga-loka*), which is located at the centre of the earth, is the mythic abundance-granting *kalpa-vriksha*. An image of the *kalpa-vriksha* carved in sandstone in Besnagar in Central India may originally have stood as an emblem capital on top of a monolithic pillar or *stambha*, possibly one of the 36 or so pillars erected by the Buddhist emperor

Asoka (268-232 BCE). The pillars has been interpreted as replicas of the axis mundi [see John Irwin in the BIBLIOGRAPHY]. The stone kalpa-vriksha capping the pillar may therefore be identified as the Cosmic Tree or world-tree, an emblematic variation of the symbolism of the stambha as axis mundi [see Jan Pieper in the BIBLIOGRAPHY].

"Single pillars made of tree trunks called Irmensul ('giant column') representing the 'tree of the universe' were set up on hilltops by some German tribes. A highly venerated Irmensul in what is now Westphalia was cut down by the Christianizing Charlemagne in 772."

15.11 MOUNTAIN METAPHORS: ANOTHER WORLD TREE / CU CONNECTION

<http://www.arthistory.sbc.edu/sacredplaces/mountains.html>

"Mountains loom large in any landscape and have long been invested with sacredness by many peoples around the world. They carry a rich symbolism. The vertical axis of the mountain drawn from its peak down to its base links it with the world-axis, and, as in the case of the Cosmic Tree (cf. Trees and the Sacred), is identified as the centre of the world. This belief is attached, for example, to Mount Tabor of the Israelites and Mount Meru of the Hindus.

"Besides natural mountains being invested with the sacred, there are numerous examples of mountains being built, such as the Mesopotamia ziggurats, the pyramids in Egypt [cf. Giza Plateau, Egypt], the pre-Columbian teocallis, and the temple-mountain of Borobudur. In most cases, the tops of real and artificial mountains are the locations for sanctuaries, shrines, or altars.

"In Ancient Greece the pre-eminent god of the mountain was Zeus for whom there existed nearly one hundred mountain cults. Zeus, who was born and brought up on a mountain (he was allegedly born in a cave [cf. The Sacred Cave] on Mount Ida on Crete), and who ruled supreme on Mount Olympus, was a god of rain and lightning (to Zeus as a god of rain is dedicated the sanctuary of Zeus Ombrios on Hymettos). Mountains figure a great deal in Greek mythology -- the Muses occupy on Mount Helikon, Apollo is associated with Parnassos [cf. Delphi], and Athena with the Athenian Acropolis.

"In Japan, Mount Fuji (Fujiyama) is revered by Shintoists as sacred to the goddess Sengen-Sama, whose shrine is found at the summit. Named after the Buddhist fire goddess Fuchi, the mountain is believed to be the gateway to another world. The mountain was originally sacred to the Ainu, the aboriginal inhabitants of Japan.

"In China there are nine sacred mountains, 5 Taoist and 4 Buddhist; all are sites of pilgrimage. According to Taoist belief, mountains are a medium of communication through which people communicate with the immortals and the primeval powers of the earth. Chinese sacred mountains are believed to be especially powerful sites of telluric power, a sacred force or energy known as the dragon current which runs through the earth itself. It is studied by practitioners of feng shui (literally Wind and water). The dragon current is of two kinds: the yin (or female) and yang (male). Mountains are regarded as embodying primarily the yang force.

"In Tibet, Mount Kailas, one of the tallest peaks in the Himalayas, near the source of the Ganges, is venerated by, and is a pilgrimage site for, Hindus, Jains, and Buddhists. Buddhists regard the mountain as a mandala."

15.12 HINDU "COSMIC TREE" REFERENCES

We found the next Hindu excerpt on a different Internet site that was not located by Solarion:

http://www.geocities.com/alex_kew/hinduism2.html

Chapter 15 -- The Mystery Of The All-Pervading Person

"The Blessed Lord said: The scriptures speak of the eternal Asvattha, the World Tree, whose roots are in the Most High, branches in the lower regions, and leaves in Vedic hymns. He who knows it, understands the Veda really. You draw a tree, the roots base represents the Most High, God, and the branches and leaves to the left and right represent the eye-brows. You understand!

"Nourished by the gunas and covered with the budding foliage of sense objects, its branches spread into regions high and low. Stretching forth on the ground below in the world of men, are its secondary roots, entangling man in the bondage of action.

"For one involved in worldly life, the form of this World-Tree is not visible, not its origin, nor its end, nor its foundation. Cutting asunder the firmly rooted Asvattha [World Tree] with the powerful axe of non-attachment, and saying, "I seek refuge in that Primeval Person from whom this eternal cosmic activity has streamed forth", man should seek that Status, attaining to which there is no more return to this life of Samsara."

Samsara is another word for suffering. It is also related to the concept of Maya, or duality, where you do not see that all is One. The idea of "cutting off" the World Tree appears to refer to an expansion of perception beyond the level of the planes within our Solar System.

"They who are free from pride and delusion, who have no attachments, who are ever absorbed in spiritual pursuits, who are free from all worldly desires, who are unaffected by the varying situations of pleasurable and painful nature--such persons, free from ignorance, attain to the Eternal State...

"The striving contemplatives perceive the Atman Spirit within themselves, but not the impure and the unregenerate, though they be striving.

"That light of the sun which illumines the whole universe, which is present in the moon and in fire likewise – know that splendor to be Mine.

"Entering the earth by My spiritual energy, I sustain all beings residing in it..."

It should be interesting to us that the Vedic cosmology would further enhance the metaphorical visualization of the CU / World Tree by associating it with a face. Perhaps other mythologies have done this as well, and we simply may not yet have spotted them.

15.13 BRITANNICA ON "WORLD TREE" AND BIBLE CONNECTION

<http://www.britannica.com/seo/w/world-tree/>

ENCYCLOPÆDIA BRITANNICA

World Tree,

"Also called Cosmic Tree, centre of the world, a widespread motif in many myths and folktales among various preliterate peoples, especially in Asia, Australia, and North America, by which they understand the human and profane condition in relation to the divine and sacred realm. Two main forms are known and both employ the notion of the world tree as centre. In the one, the tree is the vertical centre binding together heaven and earth; in the other, the tree is the source of life at the horizontal centre of the earth. Adopting biblical terminology, the former may be called the tree of knowledge; the latter, the tree of life.

"In the vertical, tree-of-knowledge tradition, the tree extends between earth and heaven. It is the vital connection between the world of the gods and the human world. Oracles and judgments or other prophetic activities are performed at its base.

"In the horizontal, tree-of-life tradition, the tree is planted at the centre of the world and is protected by supernatural guardians. It is the source of terrestrial fertility and life. Human life is descended from it; its fruit confers everlasting life; and if it were cut down, all fecundity would cease. The tree of life occurs most commonly in quest romances in which the hero seeks the tree and must overcome a variety of obstacles on his way."

In the Biblical account of the Garden of Eden, there were indeed two different trees, and Manly Hall covers this in *The Secret Teachings of All Ages*, page XCIV:

"The early Fathers of the church sometimes used the tree to symbolize Christ. They believed that ultimately Christianity would grow up like a mighty oak and overshadow all other faiths of mankind. Because it annually discards its foliage, the tree was also looked upon as an appropriate emblem of resurrection and reincarnation, for though apparently dying each fall it blossomed forth again with renewed verdure each ensuing spring.

"Under the appellations of the Tree of Life and the Tree of the Knowledge of Good and Evil is concealed the great Arcanum of antiquity – the mystery of equilibrium. The Tree of Life represents the spiritual point of balance – the secret of immortality. The Tree of the Knowledge of Good and Evil, as its name implies, represents polarity, or unbalance – the secret of mortality. The Quabbalists reveal this by assigning the central column of their Sephirothic diagram to the Tree of Life and the two side branches to the Tree of the Knowledge of Good and Evil. "Unbalanced forces perish in the void," declares the secret work, and all is made known. The apple represents the knowledge of the procreative process, by the awakening of which the material universe was established... Though humanity is still wandering in a world of good and evil, it will ultimately attain completion and eat of the fruit of the Tree of Life

growing in the midst of the illusionary garden of worldly things.”

And while we are on the topic of apple trees, Celtic traditions feature the god Apollonius climbing a tree with “golden apples” in its branches to reach a higher plane of paradise known as “Avalon.” It is certainly interesting to note the similarities between this idea and that of the trees in the Garden of Eden. If the Tree of Life represents the main axis of the CU, obviously it would be on a higher level of vibration than the Tree of the Knowledge of Good and Evil, which appears to be represented by the flat plane of the ecliptic. Other “Golden Apple” connections are found here.

15.14 JOHN MAJOR JENKINS ON MAYA SACRED TREE MYTHOLOGY

To properly understand this next excerpt, we must introduce information that was already published in *The Shift of the Ages* and will be covered again later in this book. The Earth’s axis makes a slow, circular wobble as it rotates, over the course of roughly 25,920 years, which is known as “precession.” The Mayans appear to have had a very advanced knowledge of this cycle, as the well-known Mayan Calendar measures a cycle of time that is exactly one-fifth of the precession at 5,125 years. The Mayan Calendar also gives us an exact date for when our current cycle will end, as the Winter Solstice (Dec. 22) of the year 2012. Jenkins was one of the first to point out the remarkable fact that at this exact date, the Earth’s axis comes into its most precise alignment with a dark area in the Milky Way that is actually the center of the galaxy. Jenkins refers to this as the “solstice-galaxy alignment,” and later in the book we will show that it has a very real energetic connection.

For now, our concern is how Jenkins ties this in with Mayan concepts of the sacred importance of trees. The orbital plane or “ecliptic” of our Solar System is tilted at a roughly 60-degree angle to the flat “ecliptic” plane of the galaxy; they are not parallel to each other, as many may intuitively feel. We remember that the Solar System’s ecliptic is seen in World Tree myths as being the plane of the Earth, and many mis-interpret this as being an indication of a belief in “Flat Earth” theory. A tilt of 60 degrees is obviously the angle inside of an equilateral triangle, again suggesting a geometric connection between our plane of the ecliptic and the galaxy. More significantly, within our Solar System a shaman would see an axis above and below the north and south poles of the Sun, formed by the Sun’s giant magnetic field. This solar axis is closely aligned with the flat plane of the Milky Way as well; the two are only off by about 30 degrees. So, in certain mythological systems the two images may well prove to be blended together, and the work of Jenkins and Linda Schele suggests that this is what occurred in the Mayan culture:

THE HOW AND WHY OF THE MAYAN END DATE IN 2012 A.D.

By John Major Jenkins

May 23rd, 1994

Originally published in the Dec-Jan '95 issue of *Mountain Astrologer*.

“...We are still trying to answer these questions: What is so important about the winter solstice of 2012 and, exactly how were calculations made so

accurately, considering that precession should make them exceedingly difficult?

"If we make a standard [astrological] horoscope chart for December 21st, 2012 A.D., nothing very unusual appears. In this way I was led astray in my search until Linda Schele provided a clue in the recent book *Maya Cosmos*. Probably the most exciting breakthrough in this book is her identification of the astronomical meaning of the Mayan Sacred Tree. Drawing from an impressive amount of iconographic evidence, and generously sharing the process by which she arrived at her discovery, the Sacred Tree is found to be none other than the crossing point of the ecliptic with the band of the Milky Way.

"Indeed, the Milky Way seems to have played an important role in Mayan imagery. For example, an incised bone from 8th century Tikal depicts a long sinking canoe containing various deities. This is a picture of the night sky and the canoe is the Milky Way, sinking below the horizon as the night progresses, and carrying with it deities representing the nearby constellations. The incredible Mayan site of Palenque is filled with Sacred Tree motifs and references to astronomical events. In their book *Forest of Kings*, Schele and Freidel suggested that the Sacred Tree referred to the ecliptic. Apparently that was only part of the picture, for the Sacred Tree that Pacal ascends in death is more than just the ecliptic, it is the sacred doorway to the underworld. The crossing point of Milky Way and ecliptic is this doorway and represents the sacred source and origin...

"We may also remember at this point that the tzolkin calendar is said to spring from the Sacred Tree. The Sacred Tree is, in fact, at the center of the entire corpus of Mayan Creation Myths. We should definitely explore the nature of this astronomical feature.

Again, we can see from this research that the World Tree of the solar magnetic field was seen in visions to blend together with the World Tree of the Galaxy, (which we will talk more about in the next chapter,) forming a nearly perpendicular relationship to each other.

15.15 THE ANCIENT VISION OF THOTHERMES TRISMESTIGUS

The next excerpt from Manly Palmer Hall's *The Secret Teachings of All Ages* is not directly related to the World Tree metaphor, but nevertheless shows us an Octave cosmology of dimensional planes, organized as "spheres within spheres." Ostensibly, the secret traditions assert that Hermes lived some 12,500 years ago, and in the Edgar Cayce readings it says that Hermes co-designed the Great Pyramid with the Egyptian priest Ra-Ta. (Dr. Zecharia Sitchin has written a detailed critique of the idea that the pharaoh Cheops had constructed the Great Pyramid, which was subsequently co-opted by Graham Hancock for his own works.) This vision was interpreted through the cultural and metaphorical lens of the time, where the metaphor of a dragon represented wisdom, as it still does in Oriental cultures. Thus, Hermes' vision occurred with an entity that first appeared as a dragon named Poimandres, and which later showed itself as simply being the energetic consciousness of Universal Mind.

It is also important to remember that there is much controversy about the

secret society of Freemasonry (or Masonry for short) at the present time. Some would say that "nothing that is secret can be good for anyone," but in this case the information in these groups, such as the detailed knowledge from a lost advanced civilization, was deemed to be overwhelming and possibly destructive for most people without proper spiritual training and initiation. In Ernest Scott's book *The People of the Secret*, it is revealed that these ancient orders give the secrets that allow the self to open up a direct gateway to harness the intelligent energy of the universe. If this gateway is misused, then a person could potentially have access to a form of "spiritual nuclear energy" and use it for manipulating, dominating and destructive purposes.

All indications are that Masonry was formed on extremely positive pretenses, and over time certain groups such as Adam Weishaupt's "Bavarian Illuminati" ended up radically distorting the message into a negative, self-serving construct. For a number of different reasons, we have evidence that there are still a certain number of Masonic scholars in existence whose intentions are positive, who have a wide grasp of the deepest secrets and still maintain positions of power in the world, though not necessarily in government. Hermes is thought of as the ancient "father of Freemasonry," as we will see in the excerpt. This vision, therefore, is very central to the Masonic system of beliefs, for those who make it far enough through the various degrees to learn the deeper teachings. This information is featured between pages XXXVII and XL in *Secret Teachings*:

"Hermes... was regarded by the ancient Egyptians as the embodiment of the Universal Mind. While in all probability there actually existed a great sage and educator by the name of Hermes, it is impossible to extricate the historical man from the mass of legendary accounts which attempt to identify him with the Cosmic Principle of Thought...

"Among the arts and sciences which it is affirmed Hermes revealed to mankind were medicine, chemistry, law, art, astrology, music, rhetoric, magic, philosophy, geography, mathematics (especially geometry,) anatomy and oratory. Orpheus was similarly acclaimed by the Greeks.

"Hermes is of first importance to Masonic scholars, because he was the author of the Masonic initiatory rituals, which were borrowed from the Mysteries established by Hermes. Nearly all of the Masonic symbols are Hermetic in character. ["Hermetic" means "from Hermes."] Pythagoras studied mathematics with the Egyptians and from them gained his knowledge of the symbolic geometric solids. Hermes is also revered for his reformation of the calendar system. He increased the year from 360 to 365 days, thus establishing a precedent which still prevails. The appellation "Thrice Greatest" [or "Trismestigus"] was given to Hermes because he was considered the greatest of all philosophers, the greatest of all priests, and the greatest of all kings...

"... The Vision is believed to describe the method by which the divine wisdom was first revealed to Hermes. It was after Hermes had received this revelation that he began his ministry, teaching to all who would listen the secrets of the invisible universe as they had been unfolded to him..."

Again, this vision came about as the result of an out-of-body experience that

pitted Hermes face to face with an entity named Poimandres, which identified itself as the Universal Mind:

"...Immediately the form of Poimandres changed. Where it had stood there was a glorious and pulsating Radiance... Hermes was "raised" into the midst of this Divine Effulgence and the universe of material things faded from his consciousness. Presently a great darkness descended and, expanding, swallowed up the Light. Everything was troubled. About Hermes swirled a mysterious watery substance which gave forth a smokelike vapor... His mind told Hermes that the Light was the form of the spiritual universe and that the swirling darkness which had engulfed it represented material substance..."

There should be no doubt here of the connection between the vision of Hermes and the Vedic traditions of the interplay of light and darkness, as described in the last chapter. These clear connections will continue to be visible as we go along. The next excerpt is one section of the words of Poimandres in the vision, with bold italics and one underline added for emphasis. Again, we need not be overly concerned with each specific metaphorical term, but focus on the overall themes of the "spheres within spheres" of planes of existence in the universe. In this case, each planetary sphere is seen to "take back" a different area of the soul's development where there could be a lack of virtue or development, and thus by passing through all seven levels the soul is entirely purified. Interestingly, the Cayce Readings described very similar astrological concepts as this, connecting them with the planes of existence:

"Before the visible universe was formed its mold was cast. This mold was called the Archetype, and this Archetype was in the Supreme Mind long before the process of creation began. Beholding the Archetypes, the Supreme Mind became enamored with Its own thought; so, taking the Word as a mighty hammer, It gouged out caverns in primordial space and cast the form of the spheres in the Archetypal mold, at the same time sowing in the newly fashioned bodies the seeds of living things. The darkness below, receiving the hammer of the Word, was fashioned into an orderly universe. The elements separated into strata [or layers] and each brought forth living creatures. The Supreme Being – the Mind – male and female, brought forth the Word; and the Word, suspended between Light and darkness, was delivered of another Mind called the Workman, the Master-Builder, or the Maker of Things.

"In this matter it was accomplished, O Hermes: The Word moving like a breath through space called forth the Fire by the friction of its motion. Therefore, the Fire is called the Son of Striving. The Workman passed as a whirlwind through the universe, causing the substances to vibrate and glow with its friction. The Son of Striving thus formed Seven Governors, the Spirits of the Planets, whose orbits bounded the world..."

"At death the material body of man is returned to the elements from which it came, and the invisible divine man ascends to the source from whence he came, namely the Eighth Sphere. The evil passes to the dwelling place of the demon, and the senses, feelings, desires and body passions return to their source, namely the Seven Governors, whose natures in the lower man destroy but in the invisible spiritual man give life.

"After the lower nature has returned to the brutishness, the higher struggles

again to regain its spiritual estate. It ascends the seven Rings upon which sit the Seven Governors and returns to each their lower powers in this manner: Upon the first ring sits the Moon, and to it is returned the ability to increase and diminish. Upon the second ring sits Mercury, and to it are returned machinations, deceit, and craftiness. Upon the third ring sits Venus, and to it are returned the lusts and passions. Upon the fourth ring sits the Sun, and to this Lord are returned ambitions. Upon the fifth ring sits Mars, and to it are returned rashness and profane boldness. Upon the sixth ring sits Jupiter, and to it are returned the sense of accumulation and riches. And upon the seventh ring sits Saturn, at the Gate of Chaos, and to it are returned falsehood and evil plotting.

"Then, being naked of all the accumulations of the seven Rings, the soul comes to the Eighth Sphere, namely, the ring of the fixed stars. Here, freed of all illusion, it dwells in the Light and sings praises to the Father in a voice which only the pure of spirit may understand. Behold, O Hermes, there is a great mystery in the Eighth Sphere, for the Milky Way is the seed-ground of souls, and from it they drop into the Rings, and to the Milky Way they return again from the wheels of Saturn. But some cannot climb the seven-runged ladder of the Rings. So they wander in darkness below and are swept into eternity with the illusion of sense and earthiness...

"Then preached Hermes: "O people of the earth, men born and made of the elements, but with the spirit of the Divine Man within you, rise from your sleep of ignorance! Be sober and thoughtful. Realize that your home is not in the earth but in the Light. Why have you delivered yourselves over unto death, having power to partake of immortality? Repent, and change your minds. Depart from the dark light and forsake corruption forever. Prepare yourselves to climb through the Seven Rings and to blend your souls with the eternal Light."

Those in positions of power who engage in corruption with a Masonic background would be wise to keep Hermes' teachings in mind. Later in the book, Hall states the following:

"The Vision of Hermes, like nearly all of the Hermetic writings, is an allegorical exposition of great philosophic and mystic truths, and its hidden meaning may be comprehended only by those who have been "raised" into the presence of the True Mind."

As we move further through this chapter of the book, Hall gives us another interesting clue:

"The homely onion was revered by the Egyptians as a symbol of the universe because its rings and layers represented the concentric planes into which creation was divided according to the Hermetic Mysteries (from the visions and teachings of Hermes.)"

Now if we remember that Hall indicated that Hermes also brought the Egyptians the original knowledge of the Platonic Solids, it shouldn't be difficult to see that he was also well aware of how these geometries integrated with the eight spheres of existence seen in the vision. One could argue that the original contents of Hermes' vision and that of the Hindus was nearly identical.

15.16 EDGAR CAYCE'S VIEW OF THE DIMENSIONAL OCTAVE

The Edgar Cayce readings spoke of the Octave of spherical planes of existence and their planetary connections, and this can be seen in the following excerpt from the best-selling book that truly launched Cayce's popularity, *There is a River*. It describes an exchange between Edgar Cayce and Arthur Lammers, the man whose questioning first opened up the esoteric side of Cayce's work such as astrology and reincarnation, after more than twenty years of straight medical readings. The important point is that Cayce's readings made mention of various planes of existence as being "spheres," and furthermore that there were eight main spheres [an Octave,] directly connected with the major planets. As we said before, Pluto is now unofficially considered to be more of a "planitesimal" than a full-blown planet, due to its minute size:

"Lammers began to laugh. "You thought astrology was a fake," he said [to Edgar,] "and now you hand out a story that's a dozen times more fantastic than the rule of the stars. You say I've lived before on this earth. You say this is my third appearance in this 'sphere,' and that I still have some of the inclinations from my last life, when I was a monk."

"Mechanically Edgar put on his tie, fastened his cuff links, and tied his shoelaces.

" "Is that the stuff they believe in India?" he [Edgar] asked. "Is that reincarnation?"

"Lammers nodded.

" "You say," he went on, "that the solar system is a cycle of experiences for the soul. It has eight dimensions, corresponding to the planets; they represent focal points for the dimensions, or environments in which the dimensions can express and materialize themselves – although materialization of each dimension is different. This is the third dimension, and it is a sort of laboratory for the whole system, because only here is free will completely dominant. On the other planes, or dimensions, some measure of control is kept over the soul to see that it learns the proper lessons.

"The control is usually by the soul itself, if it has evolved sufficiently, because once the body of this dimension has been left and the consciousness of this life has been absorbed into the subconscious, the veil between the two is lifted ..."

The principle of "total free will" in the third-density is precisely duplicated in the Ra / Law of One teachings as well; they state that in this realm we must make a "choice" between whether we will serve others or serve self. Those who choose service to others will be moving into the fourth-density positive sphere that is now being activated around the Earth. Ra also states that the "veiling" between conscious and subconscious mind is only in effect in the third density, and was a necessary step for our self-knowing by giving us the opportunity to choose our positive or negative polarity without the "automatic" knowledge of the existence and nature of the One Ultimate Being.

15.17 ATWATER'S SHAMANIC VISION OF THE CU AND "TIME/SPACE"

In the 1996 book *Future Memory*, P.M.H. Atwater, a student of the Cayce work, describes her own visionary near-death experience where she had a direct perception of the spiraling energy of the spherical torus. In her case, she was able to match her visualizations to modern scientific language, and there is a wonderful treatment on the spherical torus in her book. She describes the torus as the perfect shape for a black hole to white hole vortex, and also comments on the gyroscopic properties of this energy form. Here, we will only focus on her description of the actual near-death vision itself. This should help provide a bridge between ancient visions and those of modern seers who have witnessed the same formation. Furthermore, it appears to be a most excellent visual description of what the Ra group refers to as "time-space," where you are essentially fixed in space but can move all throughout time quite easily. This highly confusing concept is the opposite of space-time, which we are now a part of, where you are essentially fixed in time but can move around quite easily in space:

"Of the three near-death episodes I experienced in 1977, the third one was the most dramatic. And it haunted me. It intruded upon my life, becoming more detailed and more powerfully real as years passed. It would not leave me alone. The actual scenario had involved huge energy masses in the shape of two cyclones, one inverted over the other. I initially described them in chapter 2 of *Coming Back to Life*, but that description was not complete. I left out some of it. Here is a more detailed version:

"During the evening hours of March 29, 1977, when I left my body in what felt to be death, I soared rapidly through the roof of the house I rented, glimpsing each molecule of material in the ceiling and rooftop as I went and noting how curious it was to possess such X-ray vision. As if flying, I rose far into the night sky until deep in heaven's darkness I spied a slit of brilliant light somewhat the shape of a lip. When I neared, the lip of light opened slightly, enough to allow entry, but that entry was more an absorption, as if I had suddenly become caught in a force field. This "field" extended some distance into space and away from the lip. Particles of twinkling brightness identified its presence. I detected the smell of ozone with a slight hint of ammonia, increasingly "flat" as an odor the closer I got. Once inside, the light was as overwhelming as it was brilliant, yet it had no apparent source. I saw two colossal forms in the distance, cyclonic vortexes spinning at great speed, with one inverted over the other in an hourglass design.

"The cyclone shape on top spun clockwise. The inverted cyclone beneath spun counterclockwise. Where the two spouts should have touched but didn't, there spewed forth in all directions piercing rays of radiant power – not light, power. Power!"

Here we can see that she is actually witnessing two different fields that are "nested" together in counter-rotational motion, with the top and bottom cyclones exhibiting opposite rotational directions. In the next paragraph her vision of counter-rotating fields is illustrated even more clearly, as we shall see. We should firmly remember that Atwater obviously did not understand this new system of physics at the time that she had this vision. Her book gives no indication of an understanding of how these counter-rotating fields are seen in the planets, especially the gaseous bodies of Jupiter, Saturn, Uranus and Neptune, where actual counter-rotating cloud bands are seen very

clearly. Her vision also shows the radiant point in the center, which we also have come to expect from our investigation. In this case, that point would be the true location of the Sun in this vast energetic structure.

“Both cyclones were fat and bulgy, not at all smooth-sided as might be supposed, considering their tremendous rate of spin. Even though the direction of their movement was decidedly right to left for the one on the top and left to right for the one on the bottom, inside each was the presence of the other’s motion plus a separate inner convolution. This tri-directional force seemed to create the powerful spin along with an impression of layering across the surface of the cyclones (without rows or bands to cause the layered effect).”

Atwater’s vision of layering in the cyclones is clearly a view of the “nested” spherical torus formations, as we have seen in Dr. Vadim Chernobrov’s experiments with altering the flow of time and Roschin and Godin’s spherical walls of magnetism in their replication of the Searl Effect. It was a view of how the different planes of existence were intersecting, just as was seen in the Yggdrasil legend, the Vedic cosmology and the epic vision of Hermes. At the end of this excerpt, Atwater makes it very clear that she saw the nested spheres before returning to her body.

“Inside the top cyclone (and I called them cyclones because that is what they reminded me of), I saw my Phyllis-self, hardly larger than a speck yet recognizable. Superimposed over my Phyllis-self were all my past lives and all my future lives happening at the same time in the same space as my present life. Around me were other people I knew. The same thing was happening to them. Around them were still other people, and others more, until I came to realize all life-forms were present inside the cyclone, and the same thing was happening to each and all. Yet no one and nothing made any “real” movement except expansion and contraction, as if all life, plus the environment in which it existed, was breathing.”

As we stated, this vision gives us a great metaphor to understand Ra’s concept of “time-space,” where our past, present and future experiences in time are all easily moved through but we essentially remain fixed in one area of space. All of us have a “virtual” existence in this area at all times, yet normally we only perceive it when we are dreaming or having an out-of-body experience; it is the natural realm of the “subconscious mind” or Astral Self, and the “super-conscious mind” or Higher Self. Ra indicates that there is a plane of time-space for every plane of space-time in the Octave of densities, and in time-space it is very easy to gain a complete overview of a soul’s entire range of experiences; all experiences in life can be fast-forwarded or rewound just like a videotape. Dreams can then effortlessly be designed by the Higher Self to accurately predict the most probable events of the future, bring up long-buried memories of the past, shed light on previous lifetimes and also pave the way for an understanding of future lifetimes. Most of us do not fully understand these dreams because they speak in the language of metaphor, which transcends all linguistic and cultural barriers.

So, both space-time and time-space are equally real in universal terms, yet space-time is generally a much simpler concept for us to understand. Since we don’t recognize time as simply being another geometric movement of aetheric energy, it is difficult for us to visualize an area where we can move

along "the spiraling line of light" with complete ease and freedom but essentially remain "stuck" in one area of vibrations that we call "space."

Truly, there is no difference between space and time; they are both forms of energy as it moves in set geometric patterns.

You have to "fix" your coordinates in space to be able to move around in time, and vice versa.

Most of us find it much easier to envision being "stuck" in time, as we now experience our lives on Earth in the "space-time" realm, while having the complete ability to move throughout space. Atwater's vision is by far the best tool that we have to visualize time-space, the "world of the dead." Ra says that this time-space realm is the area that we go after we die to review the lessons that we learned in our lifetimes, and here we see that Atwater's vision correlates precisely to Ra's information. Yet, Atwater gives no indication in her book of having read the Law of One series. It should also come as no surprise to us that she also perceived the breathing movement of the Universe, so eloquently articulated in the Vedic system that we covered in the last chapter.

"What appeared to be movement, the life-forms acting out their given roles, was actually an optical and perceptual illusion similar to a hologram but produced by pulsed wave oscillations activated by individual and collective forms of consciousness. If any life-form changed the overall pattern of a personal scenario, "past" as well as "future" would alter for that individual and sometimes for others. While each life-form was truly its own self, each was also connected to all others by bubbly threads of a brilliant light that formed a fabric netting or web."

Ra claims that within the "time-space" realm, we review our lifetimes over and over again until we "forgive and accept the self" at every step. In this realm we are acutely aware of what our true spiritual objectives were for our just-ended lifetime, and we are equally aware of when and how we did not match up to our own expectations. To repeat the point, in this time-space realm we keep going through our most painful experiences in life over and over again, like a recurring dream, until we finally make the most healing, forgiving and self-accepting decisions. In this non-physical sense, we can indeed balance out our soul growth that lifetime, learn all the lessons and energetically "change" the events that happened while we were alive. Once we complete this life review, we plan out the status for our next incarnation, plotting out the most suitable planetary configurations for our birth, often choosing our parents and designing many other pre-planned events to occur and people to meet in our lives at certain points in the timeline.

"And what occurred inside the top cyclone also occurred inside the bottom cyclone. As above, so below. In other words, my Phyllis-self plus the other life-forms actually inhabited both cyclones in the same relation, in the same condition. The bottom cyclone, then, was but a mirror image of the one on top. The overall scene first impressed me as if a giant echo were filling the width of a massive canyon.

"The sheer force of cyclonic spin created a counter activity along each of the cyclone's outer edges, manifesting in the process another energy construct altogether. This extra construct occupied space to the left and to the right of

the cyclones and seemed somehow to originate darkness and light as by-products of its existence; thus, darkness developed to the left as light emerged from the right."

Here, we can see the obvious connections between Atwater's vision and the Vedic accounts, which explain that the continuous, breath-like interplay of darkness and light forms the material universe that we now live in.

"This sight filled me with the realization that darkness and light, by-products of the spinning cyclones, were opposite "signatures" of the same dynamic. They provided the necessary mechanism and contrast for manifestation to be experienced in a meaningful way. Darkness and light, then, were corollary reflections resulting from the act of creation continuously re-creating and altering itself, for that is exactly what it felt like, as if I were witnessing Creation.

"Since what I had once referred to as "life" no longer interested me, I found myself fascinated with the rays of radiant power, those piercing rays continuously emanating from the middle where the cyclone spouts should have touched but didn't. That space, that place, seemed to me as if it were the entryway to God, so I resolved to go there, to head directly for the centerpoint. My desire was to return to the God from whence I had come. God!

"At that moment back in Boise, my son Kelly found my body in the living room and began to talk to it, speeding words my way, tones, and I heard him. I have no memory of what he said, since only his tone mattered, for riding on his tone came love, unconditional and freely given. That caught my attention and turned me away from the radiant rays. Had I made it to the middle, there would have been no coming back. I knew that. But to the middle I almost went before the sound love makes reversed my direction."

Although Phyllis certainly believed at the time that there was no return after going to the middle, ancient shamans again reported "climbing the World-Tree" to go to other realms and obviously being able to return. This is most likely something that could not occur except with very diligent spiritual practice, since Phyllis obviously believed that there would be no turning back from that point. Slightly later in the book, she also indicates that she perceived "nested spheres" right before leaving:

"...The activity to either side of the cyclones seemed indicative to me of yet another construct, that of a system within a system. Appreciating that what I saw may indeed have been the middle of a torus, as I believe it was, then this side activity exposed the presence of another torus one inside the other. When I pulled back to hear my son's voice better, I took one last look at this scene and beheld as I did a panorama so awesome, it haunted me for years afterward..."

At this point in the book she shows her rough sketch of the "panorama," which appears to be a total of four nested torus formations, and goes on to say that she observed a very similar diagram in a book on physicist Stephen Hawking. On the following page she posts images from Dan Winter of nested spherical torus formations that are much more accurate-looking. Her next statement again emphasizes how powerful of an experience it was for her to make this

connection:

"What I actually saw and felt during my third near-death experience and how I finally captured that scene on paper closely matches the physics of time / space / matter, plus the theory of creation. I claim no expertise here, but I do know what I encountered, and it was very, very real."

She also indicates that others have seen these formations in their visions as well, and her suggestions correlate with what we've now presented in this chapter:

"Years after my near-death experiences were over, I discovered that history and legend are filled with reports of people who, having had impactful transformations either because of nearly dying (usually a near-death experience) or from a total change in consciousness (usually spiritual enlightenment), described something akin to what I saw – a shape the likes of cyclones. Gifted psychics have spoken on the same thing, and so have people on their deathbed as they were about to die. In fact, a large, predominant vertical shape such as a column, stairs, beam of light, great tree, or hourglass image of vortexes (similar to the torus "throat" I saw) is the most repetitive motif found throughout the whole of visionary symbology. According to tradition, for one to have witnessed or traversed "The Vertical" (see Appendix IV) is considered a sign that the individual has transcended the "twelve heavens and twelve hells" horizontal to earth's vibration, and is ready to move on to realms of grandeur beyond what the human mind can fathom."

15.18 UNIVERSAL, SCIENTIFIC DISCOVERY OF 'WORLD TREE' FORMATION

The next chapter may prove to be quite a surprise for many of us. Now that we have reviewed this large amount of metaphysical data regarding the structure of the CU in the Solar System as the vision of the World Tree, we are ready to show scientifically how it appears all throughout the Cosmos, at all different levels of size. The work of Ray Tomes will show us that there is a complete, unified "harmonic / vibrational" relationship between the various size levels of form in the Cosmos, extending straight through the quantum realms right up to the structure of the entire known Universe. This will lead us directly into the discussion of Rod Johnson's new view of quantum physics.

15.19 RECAP

15.1 We begin this chapter with an illustration of the Japanese Shinto vision of the goddess Quan Yin. It is a remarkable illustration of a spherical torus, complete with "nested spheres" and vortex movement, with the central axis formed into the image of the goddess. In this chapter our main focus is on the visions associating the CU with a "World Tree."

15.2 The classic groundbreaking work Hamlet's Mill associated the World Tree images with the concept of the Earth's axis, and the phenomenon of precession. While this is undoubtedly a major part of the puzzle, we now have reason to believe that the ancient view of these energy systems was far more complex than just a metaphor of precession; it was a very precise view of the CU stated in metaphorical language.

15.3 We then feature an excerpt from Manly Palmer Hall, who fills us in on the

many cross-cultural esoteric connections to the World Tree metaphor. We also study his image of the Scandinavian World Tree or Yggdrasil, and the visual connections with spherical-torus energy systems are absolutely undeniable. We are also told that certain illumined sages earned the name of "tree men."

15.4 The Finnish mythological view of the World Tree is given, showing CU connections.

15.5 The Lithuanian World Tree myths contain many obvious links to the CU. Their entire culture of symbolism was built around this metaphor, including the construction of roofed poles that have three stories, symbolizing three nested spheres within the CU.

15.6 The Siberian shamans saw the top of the CU as an "Iron Mountain" with seven stories, again showing us the direct visualization of an Octave of "spheres within spheres." (It is interesting to note that "Iron Mountain" is the name of a company that owns huge underground storage facilities for public as well as secret government documents in New York; many have claimed that it is involved in the UFO cover-up. Since Wilcock once lived right near Iron Mountain, he knew a friend who walked through a huge, long, abandoned drainage pipe in the area and eventually came to a sealed door with a red-lit camera, whereupon the door opened and he was accosted by men with machine guns who told him to leave immediately and forget what he saw. Other New York lore asserts that the Iron Mountain facility in Rosendale is connected to the EG&G-Rotron underground facility in Woodstock by a long tunnel, and EG&G is often said to be connected with reverse engineering of UFO technology. Another local friend confirmed that her father did just that at EG&G. He had been sworn to secrecy on pain of death, but finally broke down and told his family everything, again in secret. She literally turned white when Wilcock stated his knowledge as they drove past the facility together, and then "spilled the beans.")

15.7 Returning to our main discussion, in the Baltic mythology the Sun Tree or World Tree is seen to exist in the middle of the "world ocean."

15.8 The shamans of northern Asia say that the Earth is connected with the Upper World by the Pillar of the World. The Upper World consists of several strata--3, 7, 9, or 17.

15.9 The Hungarian shamanic accounts again feature the "Cosmic Tree" and planes that are both lower and higher than the Earth, connected with the Tree.

15.10 An excerpt from Christopher L.C.E. Witcombe sheds greater light onto the extensive cross-cultural connection of World Tree mythology throughout Europe and Asia.

15.11 The metaphor of a mountain is explored in this section as another frequent visualization of the CU formed by the Sun's magnetic field.

15.12 The Hindus called the "World Tree" the eternal Asvattha. We have already seen their knowledge of the energetic connections to cosmology quite clearly.

15.13 The Biblical concepts of the Tree of Life and the Tree of Knowledge of

Good and Evil are demonstrated as representing the axis and ecliptic of the CU, respectively.

15.14 Linda Schele and John Major Jenkins suggest that the Mayan Sacred Tree mythology shows a connection between the ecliptic of our Solar System and the galaxy.

15.15 The ancient Egyptian vision of Hermes formed the original foundation for the Mysteries of Freemasonry, and it again suggests an Octave of nested spherical planes of existence. Interestingly it also says that the Milky Way is the seed-ground of souls.

15.16 Edgar Cayce's trance readings also mentioned an Octave of spherical planes, connected with the planets as in Hermes' vision.

15.17 P.M.H. Atwater's near-death vision gives us a modern, technical description of what the ancient seers witnessed in the OBE state. Her precise language gives us a unique opportunity to visualize Ra's concept of the realm of "time-space," where we can move about freely in time but are essentially fixed in one area of space. Time-space is said to be the area where we go in OBEs, dreams and the after-death state, and it is a place where an overview of the soul is easily seen.

15.18 Our next chapter will demonstrate that the "Consciousness Unit" formation can be seen all throughout the Universe, at all different levels of size. This will truly make the accuracy of the model complete, and give strong evidence for the existence of an Ultimate Conscious Being where every part is a perfect microcosm of the Whole.



The Divine Cosmos

by David Wilcock



David Wilcock

PROLOGUE: THE MYSTERY IS REVEALED!

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On September 11, 2001, the Earth was rocked by a meticulously planned strike at the financial and military heart of the world's last superpower, as ordinary passenger airliners turned into weapons of mass destruction, reducing the twin towers of the World Trade Center to a pile of rubble and exploding one wing of the Pentagon. Prior to this event it was quite common for the general public to proclaim that everything was "normal" and ignore many obvious signposts that humanity, the Earth and solar system at large were all undergoing tremendous, unprecedented change, which includes the following ever-increasing trends:

- A 410-percent increase in the overall number of natural catastrophes on Earth between 1963 and 1993 (Dmitriev 1997)
- A 400-percent increase in the number of quakes on Earth (over 2.5 on the Richter scale) since 1973 (Mandeville 1998)
- A 500-percent increase in Earth's volcanic activity between 1875 and 1993 (Mandeville 2000)
- 9 out of the 21 most severe earthquakes from 856-1999 AD occurred in the 20th century (Russian National Earthquake Information Center, 1999)
- A 230-percent increase in the strength of the Sun's magnetic field since 1901 (Lockwood, 1998)
- A 300-percent increase in the amount of "severe" solar activity than what was formally predicted for the year 1997 alone (NASA 1998)
- 400-percent or higher increases in the speed that solar particle emissions are capable of traveling through the energy of interplanetary space (NASA 1997-2001)
- Recent magnetic pole shifts of Uranus and Neptune, as Voyager 2 observed their magnetic axes being significantly offset from their rotational axes (Dmitriev 1997)
- Visible brightness increases now being detected on Saturn (Dmitriev 1997)
- 200-percent increase in the intensity of Jupiter's magnetic field from 1992 -97 (Dmitriev 1997)
- 200-percent increase in the known density of Mars' atmosphere encountered by the Mars Surveyor satellite in 1997 (NASA 1997)
- Significant melting of Martian polar icecaps in just one year, clearly seen in satellite photography (NASA 2001)
- Significant physical, chemical and optical changes on Venus, including a sharp decrease in sulfur-containing gases in its atmosphere and increasing brightness (Dmitriev 1997)

If we remember that the Sun contains fully 99.86% of the mass in the Solar System, then we can easily see that it wields the strongest thermal, gravitational and electromagnetic influence. In this book we will identify a clear physical mechanism that is causing our Sun to experience remarkable changes. These significant energetic changes in the Sun are then radiated outwardly via the "Solar Wind," dramatically increasing the charge and permeability of interplanetary space, causing charged particles to travel more quickly much as a droplet of water dashes around on a sizzling hot pan. The electromagnetic fields of the planets then absorb this increased energy flux, producing anomalous changes including internal heating, increases in earthquakes, volcanism and other natural catastrophes, increases in

brightness and even magnetic pole shift.

Though Western science is not yet equipped to explain how such changes as earthquakes could be caused by an "outside" energetic influence, the full mystery is known amongst Russian scientific circles, and is easily explained by correcting certain fundamental errors in our prevailing concepts. Not surprisingly, the mainstream media gives almost zero coverage of even the most basic of the changes we have listed. Even in the Internet-dominated Western alternative / metaphysical media, one only hears about the changes in solar activity and increases in Earth's cataclysmic activity on occasion. Thus, a basic media-induced blindness of the workings of our own Earth and Solar System allowed most people to say that everything was "normal," prior to 9-11-01.

And yet, in the wake of the September 11, 2001 terrorist attack, it is undeniable to almost everyone that certain ancient prophecies, such as those of the Judeo-Christian Bible, the Hopi, the Maya, the Hindu, the Buddhist and the aboriginal, appear to be taking place almost line by line. Increasing wars, diseases, earthquakes, volcanoes, droughts and other natural cataclysms, which eventually lead up to a "pole shift," all follow the pattern of "tribulations" that have been predicted by literally almost every source of religion or prophecy that has been recorded. That such tribulations are upon us now is evident, and easily proven scientifically. What most adherents to these various teachings do not realize is that these phenomena are being caused by a fundamental energetic change taking place throughout the entire Solar System.

When most people think of "Biblical prophecy," their mind immediately conjures up images of chaos, apocalypse and destruction, often believing on some level that the Earth is to be annihilated and there is little if anything to be done about it. A certain, noticeably smaller cluster of groups, associated with the now-distasteful label of "religious fundamentalists," are essentially standing by and waiting for Jesus to return and lift their own sect of "chosen" followers up to heaven in a "rapture" event, to the exclusion of all other sects. They also believe that the Earth will have "a thousand years of peace" after this event, and that after being "taken up," they will return to Earth in some newly transformed condition. Conventional science has no provision whatsoever for such a notion to even be discussed, much less proven, and thus it is tossed to the side without a second thought. Furthermore, the exclusivist nature of such denominational groups is extremely distasteful to all those who refuse to accept the dogma.

Enter our next subculture of discussion, the ever-increasing majority of the population who are actively interested in alternative spirituality, ancient cultures, prophecy, secret mystery schools, indigenous teachings, sacred geometry, extraterrestrial / angelic visitations, exotic physics and the like. Although there are an enormous number of books available on these topics, the Internet has brought these concepts home to a far wider audience in a way that was never before imagined. It is from this increasing subculture that a new paradigm has been struggling to emerge; a paradigm that offers unforeseen insights into the nature of reality and our place within that reality. It is a paradigm of "initiation," where one ceases to adhere to reductionist scientific ideals and instead becomes aware that a higher spiritual reality underlies all of physical existence as we know it.

In this book, we hope to direct the reader through a dramatic initiation process, delineating an entirely new view of the universe that will explain exactly what is happening to the Solar System at this time, why it is happening and what we can expect that it will "do." The key difference between this book and most other sources of literature on such topics is that each step of our argument will be rooted in clear, unambiguous scientific research. This illumination and initiation for the mind will in turn bear noble fruits, building one's sense of character, purpose and destiny and providing strong incentive to aspire to higher physical, mental and spiritual growth. We will learn that our entire understanding of the nature of physical matter is radically under-developed, and that the energy increases that we see in the Solar System will indeed culminate in what may be thought of as a "dimensional shift." It is our choice as to whether or not we will be willing to accept the attitude of loving-kindness that is required for participation in this event, and the Golden Age of human civilization that shall follow it.

Here is our first source of conflict. Many readers are bringing in a mindset and belief structure that such changes and events are simply not possible. They may quickly stop reading upon realizing that such an initiation does require a great deal of work before the vision of the authors can be truly integrated. Many books of this type have been attempted where a few precious nuggets of valuable data are hidden within endless paragraphs of wasted, repetitious verbiage, which few have the time or patience to read. However, this book contains nothing but those nuggets, enough to spawn an entire legion of books, in a clear and compressed format. The words must be savored and studied with care, and cannot be "skimmed" through as one would normally glance at page after page of email or newspaper articles. Comprehension is dramatically enhanced by printing a hard copy of the book and writing in liner notes as one goes along. The mind must be kept extremely open in order to see facts as facts and not be blinded by the misunderstandings that continue to be perpetuated under the guise of authority from the scientific mainstream. Rare are those individuals who choose to investigate such matters for themselves instead of continuing to believe the "conventional wisdom" without question.

Let us furthermore consider the reader who already "knows" that our conclusion cannot be valid. For such a person, is there any point in proceeding further? Most likely, this event is not expected to occur until at least months or possibly even years after the time that the book is read, and some will refuse to believe that it will ever occur at all. If so, then on the simple, day-to-day level of understanding, why would one benefit from such an initiation into the knowledge of the hidden nature of the Universe? Is this event something for which we should just "sit and wait," or is there a more immediately valid reason to begin studying this material today?

In deep meditation, we discover that the single root cause of all our suffering is the subconscious belief that God has abandoned us. We refer to this belief as the "Original Wound." Our parents, teachers, brothers, sisters, friends, lovers, employers, governments and institutions, as well as our relationships with money, education and with the health and condition of our physical bodies, all present us with opportunities to feel disgraced, humiliated, alienated and abandoned at various times, when our search for love, friendship and belongingness is shot down. What most of us never will realize

is that these situations are triggering a tremendous subconscious charge of anger and resentment at God. The conscious mind has concluded that God is all knowing and all loving, but the subconscious mind often feels cut off, depressed and isolated in despair. Diseases of addiction to food, sex, shopping, television, the Internet, coffee, alcohol, drugs, victimhood, blame, rage and all other forms of materialism are our way of seeking "instant gratification" for the part of ourselves that feels abandoned. However, it is an established spiritual fact that all such distractions must eventually collapse under their own weight, leading once more to the search for God.

Once we deeply establish the scientific reality of an Ultimate Being, and of the Universe functioning according to a perfect Grand Plan, the blind from our eyes is removed. We learn to build a temple or vessel within ourselves where Divine Love may reside, by emulating the everlasting laws of harmony, balance and proportion in thought and in action. Once this process has been fully accomplished, it is impossible for us to blame anyone for our own problems or feel any sense of negative emotions over others' opinions and actions towards us. There is no need to try to distract and entertain ourselves with the material world, as we become aware that it is nothing but an illusion, fashioned by the limitations imposed by our sensory organs, which are not normally capable of detecting the unseen worlds of energy that surround us, and the advanced intelligent entities that populate them.

We are never alone in the Divine Cosmos.

* * * * *

There is nothing new to the spiritual science of preparation, illumination and initiation into the mysteries contained within this book. For those who are actively engaged in studying the evidence, it is becoming more and more certain that the Earth was once host to an ancient, advanced civilization that had complete understanding of the physics and the timing behind the event that we are now experiencing in the Earth and Solar System. This civilization took great pains to preserve their legacy so that we could re-discover these everlasting truths.

The most obvious footprints that have been left behind by this lost, ancient civilization are the many surviving structures around the world that are composed of multi-ton blocks of stone or "megaliths," far too large and intricate in construction to be built by any known methods now available to humanity. In our 2000 book *The Shift of the Ages*, we go into detail about such monuments, including their distinct energetic functions and their worldwide interconnected nature, provable by straightforward mathematical analysis.

Off the coast of the Japanese island of Yonaguni, a pyramid-like, obviously artificial megalithic structure has been found submerged under the sea in an area that could not have been above water for at least 12,000 years. And in 2001, Paulina Zelinsky and Paul Weinzweig of Advanced Digital Communications announced that they had discovered vast submerged city of pyramids, buildings, roads and other structures off the western tip of Cuba, about a half-mile under the sea, as seen from side-scan sonar readings. This story actually broke into the Western mainstream media, which shows how surprisingly close they are to admitting that such a civilization did indeed

exist.

Though there has been ongoing interest in the search for ancient undersea ruins, Zelinsky's team was the first to elicit cooperation with the Communist regime of Cuba so that such advanced measurements could be taken in their national waters. The research of Linda Moulton Howe and others has revealed that National Geographic has already signed a contract to have exclusive rights to release this new material to humanity, and that a comprehensive multimedia disclosure is being planned. More recent updates in November 2001 revealed that interconnecting circles of rock similar to Stonehenge have now been photographed at the site by a robotic undersea probe, along with a series of stone inscriptions including crosses, sketches of Mesoamerican-style pyramids, and an unusual written language. The team hopes to photograph and survey the area much more thoroughly as time proceeds.

The original source of information for the Western world regarding this lost ancient civilization came from the works of Greek philosopher Plato, who first referred to it in the *Timaeus* as the island continent "Atlantis." It is widely held that the technological sophistication of Atlantis actually superceded our own, including anti-gravity capability that was used both for devices capable of interstellar travel as well as the levitation of tremendous blocks to build the pyramids and sacred structures seen worldwide. Also available to the Atlanteans was a form of technology where extremely high amounts of energy to power all sorts of different devices could be drawn from the very essence of empty space itself – a non-physical energy source that the Greeks referred to as "aether," which was their word for "shine." The Greek word "pyramid" actually comes from the word roots "Pyre" and "Amid," meaning "fire in the middle." This suggests that a harnessing of energy is occurring within such structures. In addition to technology, the Atlanteans were much more aware of the spiritual, intuitive and symbolic side of life, something that modern civilization has become much more divorced from.

Many different sources indicate that Plato had received the information regarding Atlantis secretly from the existing priesthoods of Egypt, and that he created a great controversy amongst their ranks by actually publicizing it. This one small data point, published in the philosophy texts of the day, could be seen as the first clue in unraveling a very substantial mystery. According to such sources, the Egyptian priesthood was one of several splinter groups entrusted with preserving what they referred to as "the sacred fire of antiquity," a coded term for the overall cosmology, physics and spiritual knowledge of Atlantis, which was also referred to as "The Tradition" or "The Mysteries." Rigorous oaths of secrecy were taken to uphold the secrets of such initiatory knowledge on pain of death. Offshoots of these societies are well known to still exist today through such organizations as Freemasonry, a group that was intimately connected to the foundation of the United States and still has widespread influence among the most elite power circles.

Solid information regarding such "secret societies" and their initiated teachings has been publicly available throughout the 19th and 20th century. In 1928, 33rd-degree Freemason scholar Manly Palmer Hall published a book that does a remarkable job of assembling the puzzle pieces into one single, vast composite, and its name is "The Secret Teachings of All Ages: An Encyclopedic Outline of Masonic, Hermetic, Quabbalistic and Rosicrucian Symbolical Philosophy, Being an Interpretation of the Secret Teachings

concealed within the Rituals, Allegories and Mysteries of all Ages." This text is by far the most popular of its kind, and without such a book in existence, it would arguably be much more difficult to reconstruct an accurate picture of what exactly was known in the ancient world and how it was preserved throughout time.

The general picture of the time of Atlantis that Hall and other sources paint is of a world quite different than we know it today. Atlantis was one of two main advanced civilizations that co-existed on the Earth at that time, the other being the Rama Empire, which was centered in India. [If the Pacific Ocean-based civilization of "Lemuria" had indeed existed, it appears to have been from an even earlier period and was long-gone by the time of Atlantis and Rama.] Documents from the Rama empire still exist today for the public to study, which the Hindus call the Vedas, and in these texts there are many references to highly advanced technology, including elaborate flying machines known as "Vimana" and nuclear weaponry. According to David Hatcher Childress in the book *Vimana Aircraft of Ancient India and Atlantis*,

The India of 15,000 years ago is sometimes known as the Rama Empire, a land that was contemporary with Atlantis. A huge wealth of texts still extant in India testify to the extremely advanced civilization that is said by these texts to go back over 26,000 years. Terrible wars and subsequent earth changes destroyed these civilizations, leaving only isolated pockets of civilization.

It is not surprising for those aware of such research that vast undersea city ruins have now been discovered off the coast of India near Gujarat, which could not have been above water for at least 9000 years. Some twelve thousand years ago, most of the Earth's population was nowhere near at the level of sophistication possessed by the Atlanteans or the Ramas, and like the "clashes of civilizations" of our own era, these two giants ended up going into war with each other. Atlantis had just begun a program of indoctrinating lesser-developed cultures with their knowledge when their island continent was destroyed by a combination of warfare and geological cataclysms, which completely submerged their land circa 9600 BC. Just prior to this time, some who were aware of this impending cataclysm left the island and went into hiding amongst other lesser-advanced populations of humanity. Some of these indigenous groups were in North and South America while others were in Europe, Africa and Asia. As Hall writes in *Secret Teachings*,

From the Atlanteans the world has received not only the heritage of arts and crafts, philosophies and sciences, ethics and religions, but also the heritage of hate, strife, and perversion. The Atlanteans instigated the first war; and it has been said that all subsequent wars were fought in a fruitless effort to justify the first one and right the wrong which it caused. Before Atlantis sank, its spiritually illumined Initiates, who realized that their land was doomed because it had departed from the Path of Light, withdrew from the ill-fated continent. Carrying with them the sacred and secret doctrine, these Atlanteans established themselves in Egypt, where they became its first "divine" rulers. Nearly all the great cosmologic myths forming the foundation of the various sacred books of the world are based upon the Atlantean Mystery rituals.

In the Western Hemisphere, this "Atlantean" influence is arguably behind the Mayan Calendar and many other indigenous spiritual traditions of various Native American groups. In the Eastern Hemisphere, this same Atlantean /

Raman influence links the Egyptians, Sumerians, Assyrians, Babylonians, Chaldeans, Celts, Druids, Tibetans and Greeks, as well as Judaism, Christianity, Islam, Hinduism, Zoroastrianism, Taoism, and Buddhism. A variety of "secret societies" or "mystery schools" arose as well, including the following partial list that could easily be continued:

Atlantean, Hindu / Vedic / Raman, Hermetic, Pyramidic, Zodiacal, Egyptian, Celtic / Druidic, Mithraic, Serapean, Odinic / Gothic, Eleusinian, Orphic, Bacchic, Dionysiac, Cabiric, Pythagorean, Essenic, Platonic, Solomonic, Quabbalistic, Hebraic, Gnostic, Christian, Scandinavian, Arthurian, Alchemical, the Knights Templar, the Order of the Assassins, the Order of the Quest, Rosicrucian, Baconian / Masonic (Freemasonry,) Builders of the Adytum (BOTA), Ordo Templi Orientalis (OTO), the JASON society, the Skull and Bones society, the Islamic mysteries, the Mayan sacred teachings and the vast Native American / Shaman heritage.

It is important to remember that within each of the above names is an entire corpus of material to assimilate and digest, upon which a multiplicity of books could be written – knowledge which likely remains concealed to this day, at least in part. Secrecy was very much a part of the picture, as this next passage from Hall's book points out:

"He who would fathom the depths of philosophic thought must familiarize himself with the teachings of those initiated priests designated as the first custodians of divine revelation. The Mysteries claimed to be the guardians of a transcendental knowledge so profound as to be incomprehensible save to the most exalted intellect and so potent as to be revealed with safety only to those in whom personal ambition was dead and who had consecrated their lives to the unselfish service of humanity. Both the dignity of these sacred institutions and the validity of their claim to possession of Universal Wisdom are attested by the most illustrious philosophers of antiquity, who were themselves initiated into the profundities of the secret doctrine and who bore witness to its efficacy.

The question may legitimately be propounded: If these ancient mystical institutions were of such "great pith and moment," why is so little information now available concerning them and the arcana they claimed to possess? The answer is simple enough: The Mysteries were secret societies, binding their initiates to inviolable secrecy, and avenging with death the betrayal of their sacred trusts. Although these schools were the true inspiration of the various doctrines promulgated by the ancient philosophers, the fountainhead of those doctrines was never revealed to the profane. Furthermore, in the lapse of time the teachings came so inextricably linked with the names of disseminators that the actual but recondite source - the Mysteries - came to be wholly ignored."

In the next paragraph, Hall explains how much of this secret ancient knowledge was preserved through the use of symbolism. This enabled valuable information to be stored in plain sight, such as in physical structures, mythological accounts and sacred texts, and yet concealed in an encoded form, which would only be decipherable to those who had already grasped the knowledge of the ancient Mysteries to some degree:

"Symbolism is the language of the Mysteries; in it is the language not only of

mysticism and philosophy but of all Nature, for every law and power active in universal procedure is manifested to the limited sense perceptions of man through the medium of symbol. Every form existing in the diversified sphere of being is symbolic of the divine activity by which it is produced. By symbols men have ever sought to communicate to each other those thoughts which transcend the limitations of language. Rejecting man-conceived dialects as inadequate and unworthy to perpetuate divine ideas, the Mysteries thus chose symbolism as a far more ingenious and ideal method of preserving their transcendental knowledge. In a single figure a symbol may both reveal and conceal, for to the wise the subject of the symbol is obvious, while to the ignorant the figure remains inscrutable. He who seeks to unveil the secret doctrine of antiquity must search for that doctrine not upon the open pages of books which might fall into the hands of the unworthy but in the place where it was originally concealed.

Far-sighted were the initiates of antiquity. They realized that nations come and go, that empires fall, and that the golden ages of art, science, and idealism are succeeded by the dark ages of superstition. With the needs of posterity foremost in mind, the sages of old went to inconceivable extremes to make certain that their knowledge should be preserved. They engraved it upon the face of mountains and concealed it with the measurements of colossal images, each of which was a geometric marvel. Their knowledge of chemistry and mathematics they hid within mythologies which the ignorant would perpetuate, or in the spans and arches of their temples which time has not entirely obliterated. They wrote in characters that neither the vandalism of men nor the ruthlessness of the elements could completely efface. Today men gaze with awe and reverence upon the mighty Memnons (Pyramids) standing alone on the sands of Egypt, or upon the strange terraced pyramids of Palanque. Mute testimonies these are of the lost arts and sciences of antiquity; and concealed this wisdom must remain until this race has learned to read the universal language - SYMBOLISM.

The book to which this is the introduction is dedicated to the proposition that concealed within the emblematic figures, allegories and rituals of the ancients is a secret doctrine concerning the inner mysteries of life; which doctrine has been preserved in toto among a small band of initiated minds since the beginning of the world. Departing, these illumined philosophers left their formulae that others, too, might attain to understanding. But, lest these secret processes fall into uncultured hands and be perverted, the Great Arcanum was always concealed in symbol or allegory; and those who can today discover its lost keys may open with them a treasure house of philosophic, scientific, and religious truths."

So as we can see from the above passage, the sacred knowledge from Atlantis concerned a cosmology of the "inner mysteries of life," a viewpoint of reality that was markedly different than that espoused by the "profane" masses who were not initiates into the ancient traditions. Hall does make the explicit point at the end of this passage that those who can discover the lost keys of ancient wisdom "may open with them a treasure house of philosophic, scientific and religious truths." Within this book that you are now reading is an exhaustive reconstruction of the scientific knowledge of the Ancients, upgrading this information with the most modern cutting-edge discoveries in physics, and thus returning the "lost keys" to the hands of modern-day seekers. With these ancient keys we can indeed reveal an incredible

storehouse of spiritual wisdom that has thus far almost completely eluded the Western scientific establishment, at least overtly.

WHAT DO WE HAVE IN THIS BOOK?

What we have in this book is ultimately a cosmology – a new way of understanding the Universe of physical and nonphysical matter and how it functions. We will learn that conventional science has made a series of “wrong turns” in the last 100 years or so that have led to a model that is highly flawed and incomplete at best. Once we repair the damage that was done, we will have a clear and understandable new view of the Cosmos that explains how anti-gravity and limitless, “free” energy technologies are possible. Presenting these concepts in a simple and understandable manner helps to insure that such breakthrough technologies will no longer be suppressed by the existing power structures, since they can now be easily explained to others. We have been taught to believe that such technologies are foolish and impossible due to the “laws” of physics, but once we step past that point, we will realize how incredibly our civilization will be transformed once we again begin creating them.

Additionally, in this book we will discover many remarkable new energetic properties of the solar system, the galaxy and the universe that few could have previously anticipated. We will learn that “empty space is not empty,” but rather is filled with an energy source that is indeed the true source of life and consciousness as we know it. We will see that the quality of our emotions and thoughts are not at all isolated, but are constantly being affected by outside cosmic forces that can take our moods on a roller-coaster ride, producing inspiration at times and desperation at others. And thus, we are all connected to the Cosmos in this very fundamental way. This functional knowledge goes way beyond the popular concepts of astrology to include many other unforeseen elements, such as precisely repeating cycles of historical events over long periods of time and advanced predictions of how the financial markets will move.

When we realize that our thoughts and feelings are not simply our own, but are part of a synchronized web of life, we can never again see ourselves as being separate from others. Humanity as a whole will be seen as a form of organism that surrounds the surface of the Earth, interacting with the planets, asteroids, comets, the Sun and the galaxy itself in a reciprocal relationship. Strange questions will arise as to where our free will begins and where it ends, since there can be forces of will much vaster than our own that are moving us along a previously designed curriculum that we have all agreed upon in a higher sense – a curriculum that has now reached a major turning point. All the major mysteries associated with the prophecies surrounding this “Ascension” event are eliminated in this new model.

Many who have read our books in the past have come away being surprised at how little they knew, or at how much there was to know that they had never even conceived of. One major area of importance is in forming a working “multidimensional” model of the Universe. Our scientists are now beginning to agree that there must be several different planes of existence or “dimensions” in the Universe, and in this new cosmology, that will also become a very simple concept to grasp. We will scientifically demonstrate a unified spiritual and scientific concept of how the Universe is all based on a

“master plan” that incorporates simple principles of vibration such as light, sound and geometry. We will also see that just like the principle of a fractal or a hologram, within the infinity of the Many is always the signature of the All.

THE AUTHOR AND THE WORK

Obviously, these are advanced concepts, and just as the Ancients knew, scientific exploration must be combined with mystical consciousness in order to fully develop and understand the concepts before they can be accurately presented to others. To that end, since age five or earlier, the author has had extensive experience with mystical states of consciousness such as dreams, deep meditative trances and out of body or “astral” traveling. Since 1992, he has recorded almost every dream from every morning of his life in writing, and has actively tried to follow its guidance, rendered in the ancient language of symbolism and metaphor. Since 1994, he has been very focused on maintaining a rigidly pure vegetarian / vegan diet and exercise program in order to refine and expand his consciousness, and since 1996 he has experienced telepathic contact with forms of higher intelligence. The combined total of written dreams and “psychic readings” now amounts to well over 5000 pages.

Much of this book could not have been put together without actually “going out there and doing it yourself,” since there are innumerable mistakes that can be made with straightforward trial-and-error reasoning that can lead to years of false grasping, only to be shattered by some unforeseen new piece of data later on. (Most Western scientists already see this happening to a number of their cherished models but are usually unwilling to concede to the newer truths, thus cleverly avoiding discussing the numerous problems. Any scientific model that throws away that which it does not understand, such as the phenomenon of psychic ability, is flawed.)

In our research method, to solve a particularly difficult problem, of which there have literally been hundreds, one would begin with the scientific observations at hand, and then travel into higher realms of being through dreams and trance states to see how those observations are actually working. One example of this would be in the study of gravity – instead of thinking of it as a source that “sucks down” from the center of the Earth, it can also be modeled as a source of outside energy that is streaming into the Earth from all directions. So, in the next phase you would go out and see if that is how the gravitational flow actually behaves.

Once the solutions are obtained from that place of knowing, new doorways often emerge that lead to amazing, unforeseen breakthroughs. A simple study in gravity turns out to be a lesson in how the Earth is actually “breathing” the energy of life from around itself – literally inhaling “new” energy, transforming it into the matter of its atoms and molecules and then exhaling it, releasing it back out into space. This can then also open the door to solving the puzzles of quantum physics, with an understanding of how every atom and molecule is drawing off of this same energy supply in the same way. Such knowledge has emerged from a directly spiritual source for people such as John Keely, Edward Leedskalnin, Dr. Walter Russell and Dr. Nikolai Kozyrev, each of which led to impressive accomplishments that most would consider to be impossible.

One of the author’s most fascinating observations early along came when he

tried to fly away from the Earth and go into “outer space” while in an out-of-body experience. From this, he eventually realized that the Earth had an onion-like structure of spherical “planes” surrounding itself. (This is considered common knowledge to initiates of the Mysteries, and has been prominently confirmed by the out-of-body research conducted by Robert Monroe.) After a certain distance of traveling upwards from the Earth in an out-of-body state, Wilcock would pop through a “layer” of energy and a new surface would appear beneath him. In the first few cases the new layers also appeared to be inhabited by common human civilization in some form, and were apparently realms of the afterlife. The higher he went, the less that these areas looked like conventional Earth civilization. He soon arrived in a highly picturesque and sacred place of mostly undisturbed green forest and meadows, complete with giant standing stones in geometric arrangements and charged with a sense of love and intelligence far superior to the current state of humanity. The people of this mystical place were literally glowing with radiant energy and wore headbands, robes and sandals on their feet, and everyone smiled happily and greeted each other – including this new traveler – as they passed.

Punching through an even higher level, he suddenly found himself literally standing inside of what appeared to be an extraterrestrial spacecraft. The room was gigantic and quiet as a library, with 30-foot high ceilings and glistening black marble floors and walls that had a tinge of blueness that seemed to give off light. A sphere was floating over a cubical platform in the center of the room, probably more of a symbol than anything else, and lining the rectangularly-spaced walls were giant open cubicles. Each cubicle was about six feet wide, with a human-appearing uniformed person in a chair seated before a flat, desk-like surface and a gigantic hi-resolution screen that was easily five feet high. The screens could bring up images of planetary systems, routes of travel, navigation systems, energetic diagrams, different lifeforms in all levels of anatomy, et cetera in brilliant, full color, three-dimensional detail.

On several different occasions, your author was seated at one of the cubicles and instructed on how to use a new form of control device for manipulating the images on the screen. It simply consisted of a three-inch wide circular hole that had bright, smooth light coming up from itself to a visible height of perhaps four inches. By holding the four fingers together over this light, palm down, and tilting and moving the hand in a number of different patterns, a variety of tasks could be performed on-screen. Spreading the fingers apart was the one thing that the machine couldn't handle, and certain video game-type activities were used to train the student not to make that mistake once it really mattered, such as in navigation.

The pronoun “we” is used in many cases in this book, since the author is not only in contact with the bright genius of many exceptional human beings through their work and communications, but has personally experienced direct meetings with beings of higher intelligence in these mystical states as well. Obviously in earlier stages this was thought to simply be imagination, but through such things as telekinesis – a small but definite movement of objects in the physical – it became more and more obvious that the contacts were indeed real. This discovery took months and months to adjust to, but it was extremely fascinating the entire time.

Though we are not “channeling” when writing the words of this book, the

author has trained himself to be able to communicate consciously with these entities and bring forth their messages, which often emerge in a cryptic form far different than human speech, especially in the deeper trance states. One good "truth test" for such communications is whether they can produce information that the individual does not or could not consciously know beforehand. And indeed, since 1996 we have documented extensive examples of very clear, unambiguous prophecies of future events, and this source has been of inestimable value in leading the author and his fellow readers towards a more balanced, self-integrated and spiritually aware lifestyle.

Most people in the scientific community discount mystical consciousness and psychic ability for the penultimate reason that they have rarely experienced it themselves. If we survey the original wisdom of the initiates in the Atlantean / Raman cultures through their splinter groups, we find a universal emphasis placed upon meditation. As we shall see, the conscious mind is not and cannot simply be a function of the brain – certain hydrocephalics have mostly water in their brain case and yet are able to think and reason and remember as ordinary people. And yet, for most people the vagaries of the day, with guilt over the past and fear over the future, rule their minds. These obsessive, looping thoughts rob the person of ever being able to focus on the present, on how they feel right in that moment and what is happening in their mind when they stop the chattering. Overcoming this mental chatter is the main goal of all Oriental philosophy.

Many people have had some level of psychic success by simply clearing out the mind through meditation, focusing on a specific question and then documenting whatever thoughts came up, whether spoken, visual or otherwise. Mystical adepts such as the Tibetans, another group with Atlantean / Raman inheritances, took this to such an extreme that they would literally "channel" entire sacred scriptures that they had never before seen, and would later grade themselves on whether their product was 100% identical to the original or not by traveling to other areas where the ancient scriptures were stored and comparing the documents. The finest psychic achievements of modern Western initiates seem to pale in comparison to such feats.

The knowledge of the Mysteries is also of inestimable value in dealing with others. The Ancients used their knowledge of the musical principles of vibration, harmony and balance as tools to learn how to live better lives for themselves, and how to create "ideal" societies where there is fairness, peace and equality. Since the Universe is truly an image of perfection, such beauty can be aspired to in the layout and construction of buildings, cities, governments and social institutions, as was often written in the works of Plato. When a society again becomes familiar with the timeless principles of the Universe as a whole, it will invariably take on a richness and vibrancy that was never before conceived of, which the Ancients referred to as a "Golden Age." There can be no thought of crime or of hurting others once the pain of separation is eliminated in the knowledge of our collective Oneness.

Another point for the critics who say that this information has "no spiritual value" is this. If your goal is to move towards a true knowing of the "I" that is within you that created the Universe, then there is no substitute for the knowledge of exactly what "You" originally created and how it functions and behaves. If our current science has made mistakes, such as the idea that the Earth has a molten core of iron, then we are missing valuable pieces of the

puzzle if we just nod our heads and believe that we are living on a hot rock. Were we to learn that the center of the Earth is a source of brilliant plasma energy like what we see on the Sun, and that it is continually absorbing energy, creating new matter and gradually expanding the earth in its physical size, then that knowledge can become a part of us that stays with us every time we take a walk or sit and meditate.

Our consciousness automatically expands into higher levels of inspiration and understanding as we re-learn these timeless principles for the first time in our physical lives, and there is a very definite ecstasy that this produces, which many people are now hungrily scouring the Internet and the bookstores to try to experience. This is all part of the illumination process, the gathering of information in preparation for an intensely personal experience of initiation that can never come from any outside source. The author of this book had to discover its elements piecemeal over the course of many years, and gradually, laboriously work over these concepts in his mind again and again to find the most suitable way to present them to the public. Many of these findings were quite exhilarating the first time they were encountered, and became an intimate part of everyday life; a lens through which all other experiences in life, even the most mundane, could be perceived. It is now the joy of the reader to find all of these gathered pieces synthesized together into one grand symposium, so that tireless years of research do not need to be redone and an accurate composite of "The Big Picture" can be viewed.

CHAPTER 01: THE BREAKTHROUGHS OF DR. N.A. KOZYREV

CHAPTER 01: THE BREAKTHROUGHS OF DR. N.A. KOZYREV

Dramatic scientific evidence that all of physical matter is formed by an "aether" of invisible, conscious energy has existed since at least the 1950s. Renowned Russian astrophysicist Dr. Nikolai A. Kozyrev (1908-1983, pronounced Ko-zir-ev,) proved beyond any doubt that such an energy source had to exist, and as a result he became one of the most controversial figures in the history of the Russian scientific community. The awesome implications of his work, and of all those who followed him, were almost entirely concealed by the former Soviet Union, but with the fall of the Iron Curtain and the advent of the Internet we are finally gaining access to "Russia's Best-Kept Secret." Two generations of remarkable research by thousands of Ph.D. level specialists have emerged from Kozyrev's seed findings, which completely change our understanding of the Universe. With our prominent mention of him in this book, we hope to permanently establish his historical importance and impact to our colleagues and readers.



Figure 1.1 – Dr. Nikolai A. Kozyrev

1.1 THE AETHER

The word "aether" means "shine" in Greek, and the fundamental reality of such an unseen, fluidlike source of universal energy has long been a hallmark of the world's secret mystery schools. The works of Greek philosophers Pythagoras and Plato discussed it at great length, as did the Vedic scriptures of ancient India, referring to it by several names such as "prana" and "Akasha." In the Orient, it is often known as "chi" or "ki," and special emphasis is placed on its interactions with the human body, such as in the science of acupuncture. Masters and adepts who inherited the secret traditions could eventually learn to manipulate this energy to create miraculous results, such as levitation, teleportation, manifestation, instant healing, telepathy and the like. Such results have been repeatedly documented in the 20th century and studied in the laboratory, as we wrote in *Convergence III*.

The aether's existence was widely accepted without question in scientific circles until the early 20th century, when the Michelson-Morley experiment of 1887 was co-opted to "prove" that no such hidden energy source existed. However, more recent breakthroughs involving "dark matter," "dark energy", "virtual particles", "vacuum flux" and "zero-point energy," to name a few, have brought reluctant Western scientists to acknowledge that there must indeed be an unseen energy medium throughout the Universe. As long as you use a benign term like the "quantum medium" and not the forbidden word

'aether,' you can talk about it in the mainstream press without much fear of ridicule. The mainstream scientific establishment is very heavily polarized against anyone who gets too close to an 'aether' theory, as they "know" that such a theory must be false and will therefore fight vigorously against it. However, such suppression only increases the desire and commitment that many others have put into solving the puzzle.

One early example of proof for the existence of the aether comes from Dr. Hal Puthoff, a respected scientist from Cambridge University. Puthoff frequently mentions experiments from the early 20th century that were designed to see if there was any energy in "empty space," conducted before quantum mechanics theory ever existed. In order to test this idea in the laboratory, it was necessary to create an area that was completely free of air (a vacuum,) and lead-shielded from all known electromagnetic radiation fields by using what is known as a Faraday cage. This airless vacuum space was then cooled down to absolute zero or -273°C , the temperature where all matter should stop vibrating and thus produce no heat.

These experiments proved that instead of an absence of energy in the vacuum, there was a tremendous amount of it, from a completely non-electromagnetic source! Dr. Puthoff has often called this a "seething cauldron" of energy in very high magnitudes. Since this energy could still be found at absolute zero, this force was dubbed "zero point energy" or ZPE, whereas the Russian scientists usually call it the "physical vacuum" or PV. Recently, established mainstream physicists John Wheeler and Richard Feynman have calculated that:

The amount of zero-point energy in the space volume of a single light bulb is powerful enough to bring all the world's oceans to the boiling point!

Clearly, we are not dealing with some weak, unseen force, but rather a source of almost impossibly grand power, which would have more than enough strength to sustain the existence of all of physical matter. In the new view of science that is emerging from aether theory, all four of the basic force fields, whether gravity, electromagnetism, weak nuclear or strong nuclear force, are all simply different forms of the aether/ZPE. To get another idea of how much "free" energy really exists all around us, Professor M.T. Daniels found that the density of the gravitational energy near the surface of the earth is equal to $5.74 \times 10^{10} \text{ (t/m}^3\text{)}$. [Let us not forget that gravity would simply be another form of aether in this new model.] Prof. Daniels' finding means that drawing a sizable 100 kilowatts of this "free energy" power from the gravitational field dips into an extremely tiny 0.001% of the natural energy that is being produced in that area. (New Energy News, June 1994, p.4)

Research conducted by Nikola Tesla led to his statement in 1891 that the aether "behaves as a fluid to solid bodies, and as a solid to light and heat," and that under "sufficiently high voltage and frequency," it could be accessed – which was his hint that free energy and anti-gravity technologies were possible. Let us pay special attention, again, to Tesla's statement that the aether has a fluidlike effect when we are dealing with solid objects, as this ties in directly with the work of Dr. N.A. Kozyrev.

1.2 ANALOGIES FOR UNDERSTANDING KOZYREV'S FINDINGS

In Chapters 3 and 4, we will explode the myths of quantum physics and show that the oft-cited “particle” model of the atom is seriously flawed. Just as Einstein’s theory of relativity suggested, all of physical matter is ultimately made of pure energy, and there are no “hard particles” to be found in the quantum realm. More and more, the scientific community is being forced to accept that atoms and molecules are akin to candle flames, where the energy that they release (such as the heat and light of the flame) must be balanced by energy that they absorb (such as the wax of the candle and the oxygen in the air.) This “candle analogy” is a hallmark of Dr. Hal Puthoff’s model, which he uses to explain why the hypothetical electron does not radiate away all of its energy and crash into the nucleus. This seemingly “perpetual motion” within the atom is simply explained away as “the magic of quantum mechanics” in the mainstream view.

In order to truly be able to get a grasp on Kozyrev’s work and related findings, certain new analogies for physical matter are required. Rigorously, Kozyrev’s work forces us to visualize all physical objects of matter in the Universe as if they were sponges that are submerged in water. In all of these analogies, we should consider the sponges as having remained in water for a long enough period of time that they are completely saturated. Bearing this in mind, there are two things we can do with such sponges underwater: we can decrease the volume of water that they contain or increase it, by very simple mechanical procedures.

- 1 Decrease: If a submerged, saturated sponge is squeezed, cooled or rotated, then some of the water inside of it will be released into its surroundings, decreasing its mass. Once the sponge is no longer disturbed, the pressure on the millions of tiny pores is relieved, causing it to again absorb water and expand back to its normal resting mass.
- 2 Increase: We can also pump more water pressure into the sponge in its rest state, such as by heating (vibrating) it, thus causing some of the pores to expand with more water than they can comfortably hold. In this case, once we relieve the added pressure, the sponge will naturally release its excess water and shrink back down to its normal resting mass.

Though it would seem impossible to most people, Kozyrev showed that by shaking, spinning, heating, cooling, vibrating or breaking physical objects, their weight can be increased or decreased by subtle but definite amounts. And this is but one aspect of his amazing work.

1.3 BACKGROUND OF DR. N.A. KOZYREV

Since the Western world is largely uneducated about Kozyrev, some biographical and research information is in order. This will establish that he was far from a “crank” or “crackpot” scientist, but was in fact considered as one of the pre-eminent Russian thinkers of the 20th century. Kozyrev’s first scientific paper was published at the tender age of seventeen, and other scientists were amazed by the depth and clarity of his logic. His main work was in astrophysics, where he studied the atmospheres of the Sun and other stars, the phenomenon of solar eclipses and radiation equilibrium. By age twenty he had already graduated from the University of Leningrad with a degree in physics and mathematics, and by age twenty-eight Dr. Kozyrev was widely known as a distinguished astronomer who had taught at several colleges.

Kozyrev's abundant life took a most unfortunate and difficult turn in 1936, when he was arrested under the repressive laws of Josef Stalin, and in 1937 he began eleven torturous years enduring all the known horrors of a concentration camp. Although he did not have access to scientific equipment during this time, he was given the most brutal of initiation experiences into hidden knowledge. To an already enlightened mind, such bone-jarring hardship can effectively burn off all desire for gratification from the material world, removing the resistance to higher consciousness so that a state of illumination is produced where universal truth can be immediately recognized and assimilated. From this state, he mused deeply upon the mysteries of the Universe, paying attention to all the patterns that existed in life, wherein so many different organisms show signs of asymmetry and / or spiraling growth.

He knew that in the mid-1800s, Louis Pasteur discovered that the building block of life known as "protoplasm" is inherently not symmetrical, and that colonies of microbes grow in a spiral structure. These expanding proportions also underlie the structure of plants, insects, animals and people, as so many inheritors of the ancient tradition of the Atlantean Mysteries have written, when discussing "sacred geometry" such as the spiraling form known as Fibonacci, Golden Mean and / or "phi" spiral.

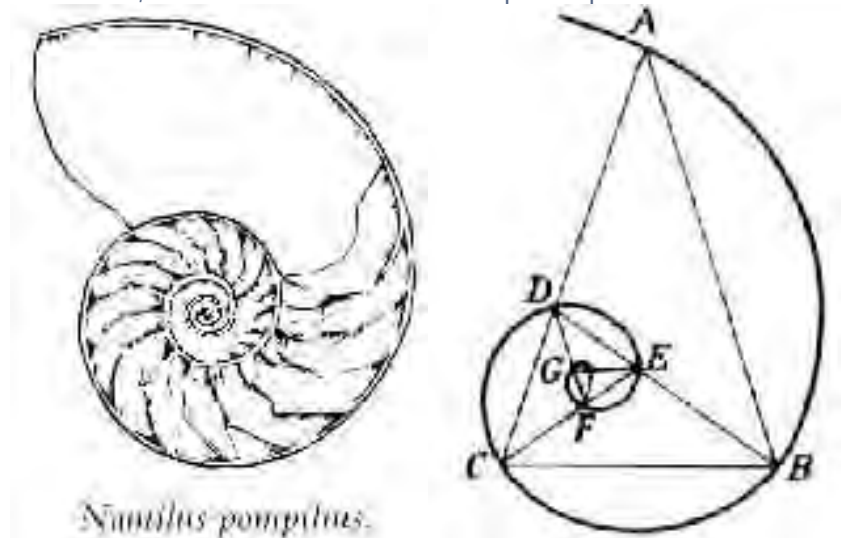


Figure 1.2 – The "Phi" Spiral in the nautilus shell (L) and with geometrically inscribed triangles (R).

From his illuminated observations in the prison camp, Kozyrev considered that all lifeforms might be drawing off of an unseen, spiraling source of energy, in addition to their normal properties of gaining energy through eating, drinking, breathing and photosynthesis. Later in this book we will see how comprehensive the data is on this point.

Kozyrev theorized that things such as the direction of a shell's spiraling growth and which side of the human body will contain the heart are determined by the direction of this flow. Should there be an area somewhere in space-time where the energy flow was spiraling in the opposite direction, then he would expect shells to grow in the opposite direction and the heart to be in the opposite side of the body cavity.

This concept of a spiraling energy in biology may seem unrealistic, but it has long been known in the mystery schools. The next image shows us how all the

ratios of “phi” emerge naturally in the structure of the human arm, and this is but one example of a process that repeats all throughout the bodies of human beings as well as all other plants, animals and insects. Those few who acknowledge these relationships at all will typically state that they emerge simply because “phi” represents the natural, most efficient pattern in which growth can occur. Kozyrev suggested that life couldn't form any other way, because it is actively drawing off of this spiraling energy to sustain itself, and must therefore follow its proportions every step of the way. In this sense we can think of the skeletal system as an “antenna” for this energy.

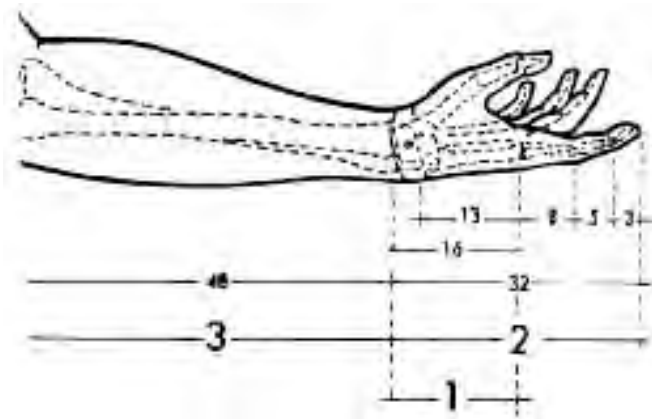


Figure 1.3 – The “Phi” proportions

in the human arm.

When Kozyrev was finally rehabilitated from the prison camp in 1948 and could return to his field of expertise, he made many advance predictions about the Moon, Venus and Mars, which were validated by Soviet space probes more than a decade later. This then earned him the distinction of being a major pioneer in the Soviet space race. Then, in 1958, Dr. Kozyrev again aroused worldwide controversy by proclaiming that the Moon exhibited volcanic activity in the Alphonsus crater. Should this notion have been true, which most astronomers and scientists flatly refused to believe, then it meant that the Moon possessed huge natural resources and sources of power that would make it an excellent stop-over point to propel humanity into the stars.

U.S. Nobel Prize winner Dr. Harold Urey was among the narrow group who believed that Dr. Kozyrev’s theory of volcanic activity on the moon was correct, and he urged NASA to conduct an investigation. As a direct result, NASA launched the enormous “Moon Blink” project, which later confirmed Dr. Kozyrev’s assertions by finding significant gas emissions on the moon.

However, not all of Kozyrev’s work was quite so readily assimilated into the mainstream world of NASA. In the winter of 1951-1952, just three years after escaping the brutal initiation of the prison camp, Dr. Kozyrev began his foray into the world of exotic physics, with the first of what became an exhaustive series of 33 years’ worth of very intriguing and controversial experiments. His obvious desire in pursuing such research was to find validation for the spiritual truths that he had already experienced through the mystical process of preparation, illumination and initiation (as referred to in Rudolf Steiner’s classic Knowledge of Higher Worlds and Its Attainment) under the most extremely challenging of circumstances. When he began publishing the results of these breakthrough studies, many Russian scientists and a scarce few in the West were prepared to listen, based on his past successes.

As we said, the spiraling energy patterns in nature unveiled themselves to the initiated eyes of Dr. Kozyrev while in the concentration camp. His "direct knowledge" informed him that this spiraling energy was in fact the true nature and manifestation of "time." Obviously, he felt that "time" as we now know it is much more than just a simple function for counting duration. Kozyrev urges us to try to think of a cause for time, something tangible and identifiable in the Universe that we can associate with time. After pondering this for a while, we see that **time is ultimately nothing but pure spiraling movement.** We know that we are tracing a complex spiraling pattern through space thanks to the orbital patterns of the Earth and solar system. And now, the study of "temporology," or the science of time, is under continual, active investigation by Moscow State University and the Russian Humanitarian Foundation, inspired by Dr. Kozyrev's pioneering work. On their website, they state that:

In our understanding, the "nature" of time is the mechanism [that brings about] appearing changes and occurring newness in the World. To understand the "nature" of time is to point to... a process, a phenomenon, a "carrier" in the material world whose properties could be identified or corresponded with those of time.

This may seem strange at first glance, since a tree falling in your yard could be seen as a product of a strong wind, not the "flow of time." However, you must then ask yourself what caused the wind to blow? Ultimately, the motion of the Earth on its axis is most responsible. Hence, all changes are caused by some form of movement, and without movement there can be no time. Several of the scholars whose papers are published through the Russian Institute of Temporology agree that if Kozyrev had changed his terminology and use of the word "time" to more common scientific terms such as "the physical vacuum" or "the aether," then many more people would have been able to understand his work sooner in the ensuing years. It is not necessary at this point for the reader to fully grasp the philosophy of spiraling energy as a manifestation of time, as this will become far clearer as we proceed.

One of very few media breaks that Kozyrev ever received in the West regarding his concepts was a chapter in Sheila Ostrander and Lynn Schroeder's groundbreaking 1970 book, *Psychic Discoveries Behind the Iron Curtain*, which has gained worldwide acclaim and is still being reprinted to this day with the shortened title *Psychic Discoveries*. Most of the above background biographical information on Kozyrev's early career experience has come from this source. In Chapter 13, entitled "Time – A New Frontier of the Mind," the authors explain that even in his sixties, Kozyrev was tanned and athletic looking and gave off "an impression of great calm, an almost spiritual quality." They also state that:

In reputation and in work achieved, he is the most important scientist we met. He is attempting to elucidate a new world view, a new cosmogony. Under Kozyrev's new conception, psychic happenings would fall into place. They would no longer be, as they are in the current view of science, something outside the system, something that must be denied to protect the system.

The connection of psychic phenomena to physics is well known and frequently discussed in the Russian literature that is now becoming increasingly available, and Kozyrev's work undoubtedly paved the way for it. One of the few Western researchers to notice Dr. Kozyrev's work was Dr. Albert Wilson of

the Douglas Research Laboratories in California, who said,

I feel that something very much like what Kozyrev has hypothesized will be established in physical theory within the next decade or two. Its implications will be revolutionary. It could take a generation of work before the leap he has taken can be incorporated into the body of scientific knowledge.

Dr. Wilson's timing was about one decade too short, as now at the dawn of the 21st century we can finally put all the pieces together. In order to keep our terms consistent, we will use the common scientific terms "torsion fields" and / or "torsion waves" to describe the spiraling flow of "time energy" that Kozyrev discovered. [The word "torsion" essentially means "spinning" or "twisting."] Many Western scientists who have explored these topics, most notably Lt. Col. Tom Bearden, call them "scalar waves", but we feel that "torsion waves" is ultimately an easier term to use, since it continually reminds us of their spiraling nature. The reader should be aware that in all cases, what we are dealing with is simply an impulse of momentum that travels through the medium of the aether / ZPE / physical vacuum, and does not possess electromagnetic qualities.

Before Kozyrev ever began conducting his experiments, a good, solid theoretical foundation was already in place to begin explaining his results. We will begin with a preliminary discussion of Einstein's theory of relativity, followed by Dr. Eli Cartan's additions to the model, which first established the existence of torsion fields in theory.

1.4 EINSTEIN'S GEOMETRIC MODEL OF GRAVITY

On May 29, 1919, Albert Einstein supposedly proved "...that we live in a curved four-dimensional space-time" where space and time are somehow fused together into a "fabric." He believed that an object such as the Earth spinning in space "...would drag space and time along with it...", and that this space-time fabric curves inward around a planetary body. Thus, he said,

Gravity is no longer a mysterious force acting at a distance, but [rather is] the result of an object trying to travel in a straight line through space [that is] curved by the presence of material bodies.

Space that is curved? "Wait...isn't space supposed to be empty?" you ask. How can you curve something that is empty? As we can see, the significant problem in visualizing Einstein's gravity model is with the word "curve", as this is something that a flat, elastic sheet would do. Indeed, most attempts to visualize Einstein's results picture planets as if they were weights that were depressing an imaginary flat rubber sheet that is stretched out in space as the "fabric" of space-time. An object such as a comet or asteroid simply follows the geometry of the sheet as it moves towards the Earth. The problem with this model is that any curvature of space-time would need to be moving in towards a spherical object from all directions, not just a flat plane. And furthermore, one still requires a force of gravity to pull a weight down into a flat rubber sheet. In a weightless space, the ball and the sheet would simply float around together.

In reality, the word "flowing" is far more precise than "curving," since in Convergence III we have demonstrated that gravity is actually a form of

aetheric energy that is constantly flowing into an object. The equations for gravity do not specify which direction it must flow in, simply that it exists as a force that is responsible for objects not flying away from the Earth's surface. Such ideas can be traced to John Keely, Dr. Walter Russell and more recently Walter Wright with his well-established "Push Gravity" theory.

Once we establish that all force fields such as gravity and electromagnetism are simply different forms of aether/ZPE in motion, then we have an active source for gravity and a straightforward reason for why it would exist. We see that every molecule in the entire body of a planet must be sustained by an ongoing in-flow of aetheric energy. The same energy that is creating the Earth is also creating and flowing into us. We are then caught up in the gigantic current of the river of energy that streams into the Earth, much as mosquitoes get stuck to a screen window while the air blows right through the screen. Our bodies cannot travel through solid matter, but the current of aetheric energy certainly can – and this is one of the many things that Keely, Tesla, Kozyrev and others demonstrated. A star or planet must continually draw energy from its environment in order to "stay alive." Kozyrev had made very similar conclusions about our Sun back in the 1950s, concluding that stars acted as "machines that convert the flow of time into heat and light."

Almost all Western scientists believe that Einstein's general and special relativity theories eliminate the need for an aether – and indeed, Einstein advocated the rejection of an aether in 1910, which is where mainstream science still believes his thoughts ended on the issue. However, in 1920, Einstein actually stated that "the hypothesis of the existence of the ether does not contradict the special theory of relativity." And in 1924, he wrote,

...in theoretical physics, we cannot get along without the ether, i.e., a continuum assigned physical properties, because the general theory of relativity... excludes direct long-range action; and each theory of short-range action assumes the presence of continuous fields and, consequently, the existence of the 'ether.' [emphasis added]

1.5 TORSION PHYSICS

In 1913, Dr. Eli Cartan was the first to clearly demonstrate that the "fabric" (flow) of space and time in Einstein's general theory of relativity not only "curved", but it also possessed a spinning or spiraling movement within itself known as "torsion." This area of physics is typically referred to as Einstein-Cartan Theory, or ECT. Cartan's theory wasn't taken too seriously at the time, as it came out before the days of quantum physics, when elementary "particles" such as electrons were believed to rotate or "spin" as they orbited the nucleus. Most people are unaware that it is now generally accepted that the space surrounding the Earth and perhaps the entire Galaxy has "right-handed spin," meaning that energy will be influenced to spin clockwise as it travels through the physical vacuum. In 1996, Russian Drs. Akimov and Shipov wrote that:

To date, world periodicals reference to torsion fields amount to the order of 10,000 articles, belonging to about a hundred authors. Over one half of those theorists work in Russia alone.

As we shall easily see, Dr. Kozyrev's work was the main influence for the

more than 5,000 Russian papers on this subject as of 1996. In classical physics models, torsion fields were never considered to be a universal force on the level of gravity or electromagnetic energy, largely because they only existed theoretically. Cartan's original 1913 theory speculated that torsion fields would be some 30 orders of magnitude weaker than gravitation, and gravity is already known to be 40 orders of magnitude weaker than electromagnetic energy! With such a miniscule level of influence, so said the theories, the naturally-spinning "torsion fields" were basically an irrelevant footnote that would not make any noticeable contributions to the phenomena that we can observe in the universe.

For those scientists who had maintained an open mind, the works of Trautman, Kopczyynski, F. Hehl, T. Kibble, D. Sciama and others in the early 1970's triggered a wave of interest in torsion fields. Hard scientific facts exploded Cartan's 60-year-old theory-based myth that such fields were weak, tiny and unable to move through space. The myth of the Einstein-Cartan theory was that the spiraling torsion fields could not move, (i.e. they would remain static,) and could only exist within a space far smaller than the atom. Sciama et al. demonstrated that these basic torsion fields expected in ECT did exist, and they were referred to as "static torsion fields." The difference was that "dynamic torsion fields" were demonstrated as well, with properties far more remarkable than Einstein and Cartan had assumed.

According to Sciama et al., static torsion fields are created from spinning sources that do not radiate any energy. However, once you have a spinning source that releases energy in any form, such as the Sun or the center of the Galaxy, and / or a spinning source that has more than one form of movement occurring at the same time, such as a planet that is rotating on its axis and revolving around the Sun at the same time, then dynamic torsion is automatically produced. This phenomenon allows torsion waves to propagate through space instead of simply staying in a single "static" spot. Thus, torsion fields, like gravity or electromagnetism, are capable of moving from one place to another in the Universe. Furthermore, as we shall discover in later chapters, Kozyrev proved decades ago that these fields travel at "superluminal" speeds, meaning that they far exceed the speed of light. If you can have an impulse that moves directly through the "fabric of space-time", travels at super-luminal velocities and is separate from gravity or electromagnetism, you have a significant breakthrough in physics – one that demands that a "physical vacuum", "zero-point energy" or "aether" must really exist.

1.6 MASTER LIST OF PHENOMENA THAT CREATE KOZYREV'S EFFECTS

Kozyrev's experiments began in the 1950s and were conducted since the 1970s with the ongoing assistance of Dr. V.V. Nasonov, who helped to standardize the laboratory methods and the statistical analysis of the results. It is important to remember that these experiments were conducted under the strictest conditions, repeated in hundreds or in many cases thousands of trials, and were written about in extensive mathematical detail. They have been rigorously peer-reviewed, and Lavrentyev and others have replicated the results independently. (We have omitted the mathematical / analytical analyses of Kozyrev's results in this book to enhance its readability.) Certain specially-made detectors using rotation and vibration were designed that would react in the presence of torsion fields, which Kozyrev called the "flow of

time."

If we go back to our earlier analogy, we said that matter behaved somewhat like a sponge in water. If we do something to disturb the structure of the sponge, such as to squeeze it, spin it or vibrate it, then it will release some of its water back into its environment. Over the years, all of the following processes were discovered to create a "time flow" of torsion waves in the laboratory, due to their disruption of matter in some form:

- the deforming of a physical object
- the encounter of an air jet with an obstacle
- the operation of an hourglass filled with sand
- the absorption of light
- friction
- burning
- the actions of an observer, such as a movement of the head
- the heating or cooling of an object
- phase transitions in substances (frozen to liquid, liquid to vapor, etc.)
- dissolving and mixing substances
- the fading death of plants
- non-light radiation from astronomical objects
- sudden changes in human consciousness

Other than the perplexing final item related to consciousness, we can readily see how each process is disturbing matter in some way, thus causing it to absorb or release minute amounts of its aetheric "water," which fits perfectly with our sponge analogy. Even more importantly, the fact that strong emotional energy could also cause a measurable at-a-distance reaction has been repeatedly documented, not just by Dr. Kozyrev but many others, and this is where our concepts of psychic phenomena and consciousness come into the picture. Such concepts became even bigger news after the Sept. 11, 2001 terrorist attack on the United States, when Dean Radin and his team at the Institute of Noetic Sciences were able to measure a tremendous change in the behavior of computerized random-number generators surrounding the time immediately before and after the attack:

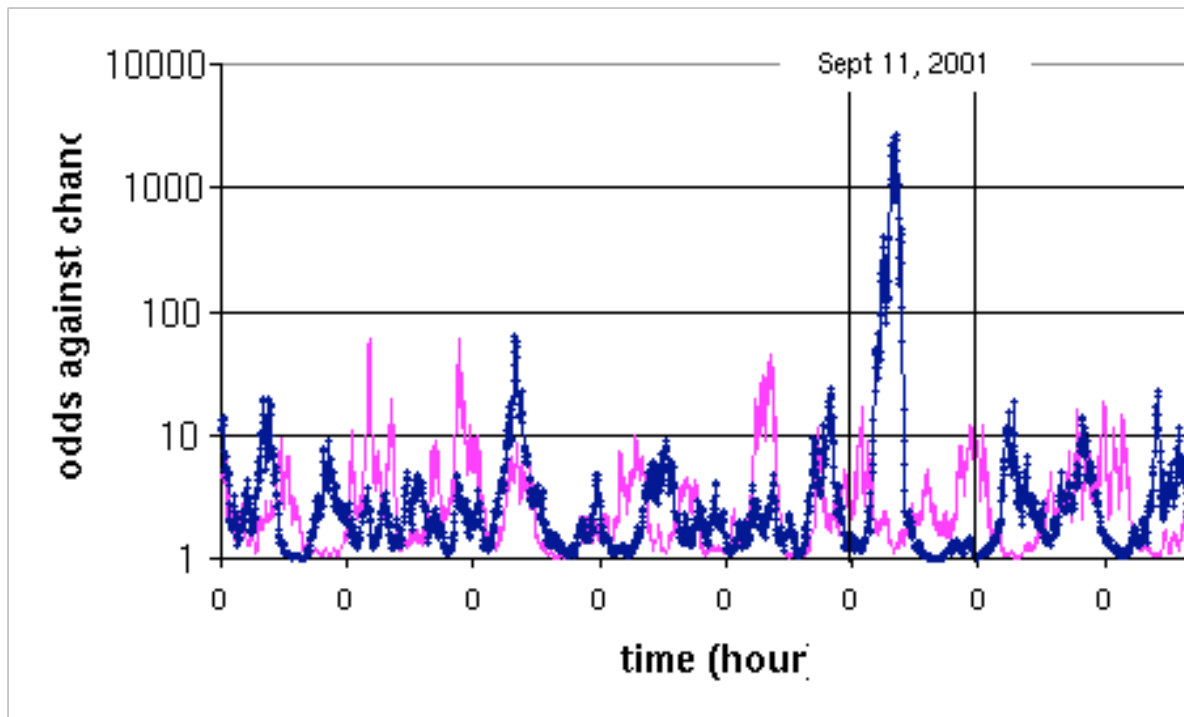


Figure 1.4 – Data from Radin / INS measuring a change in mass consciousness on Sept. 11, 2001

The graph shows that somehow, a change in the mass consciousness of humanity affected the behavior of electromagnetic energy in computer circuits around the world, especially those computers nearest to North America. Later we shall see that [this is just the beginning of a whole new world of "consciousness science."](#) [We will suggest that torsion waves and consciousness are essentially identical manifestations of intelligent energy.](#)

Returning to the more 'comfortable' arena of physical matter, Kozyrev's work showed that torsion fields can be absorbed, shielded or sometimes reflected. For example, sugar can absorb, polyethylene film and aluminum can shield, and other forms of aluminum or mirrors can reflect. Kozyrev found that in the presence of this energy flow, objects that are rigid and inelastic will show weight changes, whereas flexible, elastic objects will show changes in their elasticity and / or viscosity. Kozyrev also showed that the weight of a spinning top will change if it is vibrated, heated or cooled or if it has an electric current passed through it. As we can see, all of the above behaviors fit in quite nicely with our analogy of the "sponge" of matter absorbing or releasing small amounts of energetic "water".

1.7 BUILDING A MECHANICAL DETECTOR FOR THE "TIME FLOW"

Obviously, the biggest unanswered challenge at this point would be how such energy could be mechanically detected. After all, it has completely eluded the mainstream for well over a century. Here, it is important to remember that though the forces of torsion waves on matter are relatively small, they do exert a steady push. Research of Shipov, Terletskiy and other Russian theorists have directly associated the energy of torsion fields with the energy of gravity, thus leading to the term "gravispin energy" and the science of

“gravispinorics.” In these new theories, gravity and spin are coupled in the same basic manner as electrostatics and magnetism join to form the electromagnetic wave. Though torsion waves can travel in any direction, they are most typically absorbed into the downward flow of the gravitational field. So, the strongest effects of the pressure of torsion waves would be a slight spiraling movement that is joined with gravity. Since it is a very subtle pressure, we do not typically notice any such movement in ourselves or in falling objects.

Many of Kozyrev's mechanical detectors of torsion waves involved objects in motion, such as a rotating gyroscope or an asymmetrical swinging pendulum. A simple analogy helps us to begin to understand how such objects in motion were able to capture this gentle pressure. If you have a ship at sea and do not align your sails with the direction of the wind's flow, then your ship will not move. Your sails must align with the direction of the wind, and if the wind's current changes, then you must also move the sail to capture the new direction. Detecting torsion waves is a more difficult process than sailing, as the torsion waves are continually changing their direction in the form of a three-dimensional spiral. Somehow, you must create vibrations in the detecting object that will allow it to continually harness a three-dimensional, moving spiral of energy force.

Kozyrev was able to capture the subtle pressure of the torsion waves by combining two different forms of vibration or movement at a time. We will discuss exactly how this was done in the following paragraphs. Under these special laboratory conditions, gyroscopes or pendulums could be used to interact with the “time flow” energy, as Kozyrev called it. In these cases, such detectors will exhibit weight variations or sudden angular movements in response to the energy.

One of the most basic detectors of “time flow” energy that Kozyrev used was the “torsion balance,” meaning that it was a balance beam that could spin freely as it was suspended from a thread. As described in Kozyrev's first paper for the year 1971, the torsion balance did not have an equal distribution of weight on either side, as one end of the beam weighed ten grams and the other end was only one gram. Kozyrev suspended this beam with a string (filament) of capron that was 30 micrometers in diameter and 5-10 centimeters long. The string was attached much closer to the heavier end of the beam than the lighter end, so that the beam would remain in a perfect horizontal position under the effects of gravity. This positioning also created greater stress within the beam itself, making it move very easily. The lighter end of the beam was fashioned into a pointer, so that Kozyrev could measure on a protractor how many degrees the beam had moved at any time.

In order to avoid being influenced by the atmosphere, the entire system was sealed under a glass cap so that all of the air inside could be vacuumed out. Furthermore, Kozyrev surrounded the cap with a metal net (similar to a Faraday cage) so that all known electromagnetic influences would be shielded.

Most importantly, the top of the filament, where the beam balance was hanging from, was mechanically vibrated by an electromagnetic device.

The experiments were not considered valid unless the beam would remain perfectly still even in the presence of the extra vibrations at the top of the

string. However, these extra vibrations jiggling the top of the string created a greater sensitivity to outside vibration that would reverberate throughout the entire object. We already have an uneven set of weights that are carefully suspended on a thin string so that they remain horizontal, giving us a system that is under a lot of stress and will move very easily with the slightest touch. This is similar to the power of the lever to allow a person to lift up their entire car with the simple cranking up of the jack. Then, when you also add the stress of the vibrations moving up and down the string and into the balance itself, you have all the necessary ingredients to make the detector so extremely sensitive that the whisper-soft pressure of torsion waves can show a measurable effect. This is one of several clever ways to capture and detect these forces. (As another example, a gyroscope may be set in motion and then hung from a string that is vibrated.)

In some senses this extra sensitivity works in the same way as an air hockey table, where you have a flat, rectangular surface with many tiny holes that shoot air straight upwards. The game is played with a light, flat puck that is knocked back and forth by two players. If the air is running on the table, (similar to the asymmetry of the balance and the extra vibrations on the filament in Kozyrev's experiments,) then in this case, the gravity on the puck is counteracted by an upwards force, creating a more delicate balance between the two. The puck may remain perfectly still when left alone, but if you introduce new energy into the system by hitting the puck while the air is on, it moves extremely fast and with very little effort. When the air is off, the puck moves much more slowly and requires a greater force to set it in motion.

The same is true with Kozyrev's detectors. If the extra vibrational energy isn't included, then you'd be lucky to ever see a reaction, because the "push" of the torsion waves are not normally strong enough to move a stationary object. Many scientists who have tried to replicate Kozyrev's experiments have often not succeeded, because they do not see the extra vibrations as being important. Naturally, you will not detect torsion waves with a pendulum if it is not asymmetrical and / or if you do not introduce vibrations into it at the top of the string. Another way to visualize this effect is our analogy from the prologue, regarding the difference between a drop of water that is placed onto cold metal as opposed to that which is placed on a hot skillet. The vibrations of the metal in the skillet will cause the water to zip around the pan, becoming very sensitive to the slightest change in pressure from any direction.

For our spiritually-inclined readers, it is interesting to note that the teachings of the Initiates have referred to the need to "raise your vibrations" for thousands of years if you want to be capable of perceiving the unseen energy of the universe. As we have proven in some of our workshops, within a relatively short span of time, a human being can be trained to respond to the gentle pressure of torsion waves in the human "aura" by touch. With greater training such as is described in the works of Rudolph Steiner or Carlos Castaneda, the human energy field can eventually be visually seen. In Part Two we will discuss the voluminous evidence to prove that the human energy field does indeed exist, as the torsion-wave component to our physical bodies.

1.8 SIMPLE MOVEMENT CREATES TORSION WAVES

Some of Kozyrev's experiments seemed almost deceptively simple,

considering the effects that he was able to achieve. For example, the simple raising and lowering of a 10-kg weight would exert torsional pressure on a pendulum at a distance of 2-3 meters, an effect which would even travel through walls. The pendulum that was used as a detector was shielded in glass under a vacuum, so this effect could not have been caused by the air. Again, the key component to the experiment was that the top of the string needed to be vibrated in order to introduce the extra tension and movement that would allow the pressure of the torsion waves to be picked up by the pendulum. This is another experiment that shows how the sheer mass of the 10-kilogram weight behaves like a sponge in water, creating "ripples" in the surrounding "water" when it is moved up and down. Again, this is a basic property of matter.

1.9 WEIGHT INCREASE AND DECREASE CAUSED BY SIMPLE MOVEMENT

In another similar experiment, Kozyrev had a typical beam balance that is used for weight measurements, where the right side had a fixed weight and the left side had a hook for suspending various objects. In this case, the objects Kozyrev hung from the left side were also just simple weights, only they were attached to rubber strips that allowed them to be easily mounted on the balance. Normally, with the weights on either side in a stable position, the beam would stay balanced at a certain weight that could be measured on its scale. Kozyrev would then stabilize the arm of the beam balance either with his hand or a clamp so it wouldn't move, and remove the object on the left from its hook. Then, he would shake the object up and down on the piece of rubber for about one minute. That's all!

After doing this, when he would place the object back on the balance arm with perfect stillness, he would again measure its weight, which would be slightly higher than before. Then, the scales would show the measured weight of the object gradually decreasing, as it released the extra energy that it had taken in. He noted that it was important that his hand didn't heat the balance arm while holding it, so he would typically use a metal clamp to hold the bar instead. Interestingly, on certain days this test would work quite easily, whereas on other days it would work only with great difficulty or not at all. The same is true for the above experiment where a 10-kg weight was raised and lowered repeatedly. This is known as a "time-variable" phenomenon and will be discussed below.

1.10 KOZYREV'S RESULTS HAVE BEEN REPLICATED, NEVER DISPROVEN

Many readers have expected that Kozyrev's effects are simply due to errors in his recording. Here, it is important to remember that no concrete disproof of N.A. Kozyrev and V.V. Nasonov's experimental results exists (Levich, 1996). In addition, independent groups of researchers have now reproduced and confirmed some of Kozyrev's experiments. These include A.I. Veinik from the 1960s-1980s, Lavrentyev, Yeganova et al. in 1990, Lavrentyev, Gusev et al. in 1990, and Lavrentyev et al. in 1991 and 1992. American researcher Don Savage has also replicated much of Kozyrev's work and published it in *Speculations in Science and Tech.*

Furthermore, without any knowledge of Kozyrev's work, in 1989 G. Hayasaka and S. Tekeyuchi discovered similar weight-loss effects with rotating 150-gram gyroscopes, and more recently obtained success by dropping the

gyroscopes between two precision laser beam detectors. (Remember that a gyroscope that is being weighed in a rotating and non-rotating state will not show any measurable weight changes unless an additional process is introduced such as vibration, movement, (in this case dropping,) heat conduction or electric current transition.) The results of Hayasaka et al.'s study, conducted on behalf of the Mitsubishi corporation, actually did make it into the mainstream media, surprisingly enough. Furthermore, they did indeed attribute their results to the effects of torsion fields. Many other researchers such as Dr. S.M. Polyakov, Dr. Bruce DePalma and Sandy Kidd have independently discovered gravitational changes with gyroscopes, but it appears that most of them have not fully understood the fluidlike nature of the aether, which always travels in the spiraling movement of torsion waves.

1.11 ANTI-GRAVITY EFFECTS CAUSED BY THE DIRECTION OF ROTATION

Many of Kozyrev's experiments showed that the direction of the detector's movement was very important in creating measurable weight changes. He determined that a gyroscope that was vibrating, heating or conducting electricity would substantially decrease its weight when it was rotated in a counter-clockwise motion, whereas it would remain unchanged if it were rotated in a clockwise motion. Kozyrev concluded that this was caused by the "Coriolis effect," where an object will indeed show a rotational movement as it is dropped towards the surface of the Earth. Ultimately, this is due to the subtle spiraling pressure of torsion that is imparted to the flow of aether (gravity) as it rushes into the earth, upholding the existence of all its atoms and molecules. In 1680 Newton and Hook confirmed that the Coriolis effect was real by dropping objects down long mine shafts, and the experiment was repeated many times thereafter. The Coriolis effect causes counter-clockwise movement in the Northern Hemisphere and clockwise movement in the Southern Hemisphere, and is considered the major force behind the movement of weather systems. It also has to be factored in when firing long-range cannons at a specific target, which was a very confusing military problem before the Coriolis effect was discovered. It is another little-known fact of science that most people are unaware of.

We remember that Kozyrev would first vibrate, heat or electrify his gyroscope in order to see his anomalous effects. Under these conditions, he would then move the gyroscope in either a clockwise or counter-clockwise motion. If the vibrating gyroscope is moved in a counter-clockwise direction in the Northern Hemisphere, then it is moving in unison with the counter-clockwise current of the Coriolis effect. This causes the object to absorb some of the energy that would normally be pushing it down, and a small but definite decrease in its weight is then measured.

The work of G. Hayasaka and S. Tekeyuchi, which we mentioned above, independently confirmed the same anomalous result. When their gyroscope was rotated counter-clockwise it would fall slower than expected, whereas if it were rotating clockwise they could detect no changes, thus verifying Kozyrev's findings. Naturally, Japan is also in the Northern Hemisphere. Kozyrev also found that additional torsion would be introduced in these experiments if his gyroscope was not kept 100% horizontal, which suggested to him that gravity, which moves straight down, is somehow joined with torsion waves, as later theorists confirmed. Without the existence of an aether and the phenomenon of dynamic torsion, none of these results would even be

remotely possible.

1.12 DEPALMA'S SPINNING BALL EXPERIMENT

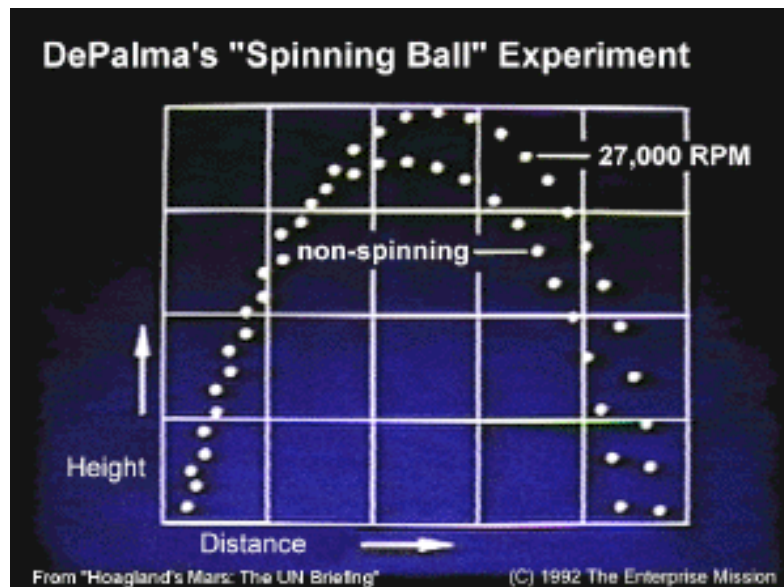


Figure 1.5 – Data of Dr. Bruce DePalma's Spinning Ball Experiment from Hoagland's 1992 UN Briefing

A perfect example of harnessing torsion waves by rotation was discovered completely independently by Dr. Bruce DePalma, frequently cited by R.C. Hoagland et al. on the Enterprise Mission website. Within a complete vacuum, DePalma took two steel balls and catapulted them into the air at equal angles, with an equal amount of force. The only difference was that one ball was rotating 27,000 times per minute and the other was stationary. The rotating ball traveled higher into the air and then descended faster than its counterpart, which violated all known laws of physics. The only explanation for this effect is that both balls are drawing energy into themselves from an unseen source, and the rotating ball is thus "soaking up" more of this energy than its counterpart – energy that would normally exist as gravity, moving down into the earth. With the addition of torsion-field research we can see that the spinning ball was able to harness naturally spiraling torsion waves in its environment, which gave it an additional supply of energy.

1.13 TIME-VARIABLE EFFECTS

Kozyrev found that a time-variable effect is produced within his experiments. He discovered that these experiments worked best in late autumn and the first half of winter, but were next to impossible to perform in the summer. Kozyrev believed that the heating of the atmosphere in the summer was creating a disturbance that would interrupt the flow of the torsion waves. The extra heat would cause the air molecules to jiggle more vigorously, and this in turn would disrupt the subtle spiraling pressures as the torsion-waves traveled. As he himself explained it, "the heating by solar rays creates an atmospheric loader, interfering with the [experimental] effects." Earlier in his career he thought that this time-variable effect was caused by the naturally-occurring growth of vegetation in warmer months, since he had already noticed that the simple presence of growing plants could interfere with his experimental results, as they would draw energy into themselves that would normally flow to the

detectors. Clearly, the combination of the plants absorbing the energy for their sustenance in the summer and the increased chaos of vibrations in the warmer atmosphere could both be responsible for the difficulty in making such measurements during the warmer seasons.

This seasonal experimental effect could also prevent American scientists who might be living in an area like Southern California from ever being able to replicate his results, as they never experience the late autumn and winter conditions that were most favorable for the experiments to be done.

1.14 LOCATION, LOCATION, LOCATION

Another overall implication of Kozyrev's work is that the geographical location of the experiment also makes a significant difference. His best results were obtained when he carried out measurements near the North Pole, the most adventurous being conducted on chunks of drifting ice with a maximum latitude of $84^{\circ} 15'$, the North Pole being at 90° . This is a very important point, as it shows us that the greatest amount of torsion-wave energy is flowing into the Earth at the polar regions, growing weaker as we move towards the equator.

Certainly, most readers will wonder why there would be any effects associated with the poles of the earth. The answer is found in a study of magnetism. In 1991-92, A.I. Veinik determined that the typical "permanent" iron ferrite magnets do not only have a collective magnetic field, but a collective torsion field as well, with a right-handed spin at the north pole and a left-handed spin at the south. Dr. G. I. Shipov demonstrated that all electromagnetic fields generate torsion waves. So, since we all know that the Earth's magnetic field is most concentrated at the poles, then we can see that the greatest strength of torsion-waves would be in the polar regions as well. In his books and website, Richard Pasichnyk has demonstrated that earthquake impulses travel faster from north to south than from east to west. Thus, the added pressure of the torsion waves, instreaming and outflowing in the polar regions, affects far more than just the typical north-south polarity of the magnetic field that can be measured with a compass.

Kozyrev also determined that the torsional energy flows differently in the southern hemisphere of the earth as opposed to the northern, and this again is due to the Coriolis effect. He also discovered that the speed of gravitational acceleration changes slightly between the northern and southern hemisphere by a subtle factor of $3 \cdot 10^{-5}$. This appears to be caused by the little-known fact that the spherical shape of the Earth is actually flatter in the northern hemisphere as opposed to the southern! This has also been observed and measured in other planets such as Jupiter and Saturn. Kozyrev believed that since the surface of the southern hemisphere was slightly farther away from the Earth's center of gravity than the northern hemisphere, this was responsible for the subtle change in the speed of gravity's acceleration.

1.15 LATENT FORCES EXISTING AFTER ENERGY STOPS BEING GENERATED

The word "latent" means "left over," and Kozyrev observed certain effects that continued for a time after he had stopped creating any torsion waves and / or disturbance to the measured objects. We remember that Kozyrev demonstrated how the simple shaking of a weight on a rubber strip would

cause its weight to increase, and that it would slowly drop back down to its normal rest mass once it was placed back on the balance beam. The time that the object takes to return to its normal weight is how we measure the “latent force” that it is capable of holding.

Certain objects will gain and lose weight faster than others in Kozyrev’s experiments. Kozyrev concluded that the rate at which an object gains or loses weight is actually based on its density, or thickness, not on its overall weight. He showed that the loss of weight occurs at an exponential rate, and the denser the material is, the quicker the residual forces will disappear. Here are some examples:

- Lead, at a density of 11, will lose its latent forces in 14 seconds,
- Aluminum, at a density of 2.7, loses its latent forces in 28 seconds, and
- Wood, at a density of 0.5, loses its latent forces in 70 seconds.

If this seems hard to understand, we could think of the fact that a denser, thicker sponge such as the foam used in a mattress or seat cushion has much more of a “spring” to it than a lighter, thinner one, such as a tired old kitchen sponge. The more of a “spring” the material has, the quicker it can absorb and release energy. Kozyrev also tested these effects on copper, brass, quartz, glass, air, water, coal, graphite, table salt and others, and indicated that “the largest effects, with maximum preservation times, were observed on porous materials like brick or volcano tuff” (Nasonov 1985a, p.15). This should interest us, since the sponge in our analogy is also a porous material, meaning that it is filled with many pores or holes inside of itself.

1.15.1 THE ASPDEN EFFECT

Another example of latent forces existing in a system is found in the Aspden effect, discovered by Dr. Harold Aspden of Cambridge University. This experiment involved a gyroscope whose central wheel was fashioned from a powerful magnet. The normal amount of energy that would be required to rotate the gyroscope to a certain maximum speed was 1000 joules. Like a glass of water being stirred up with a spoon, the rotation of the gyroscope would cause the aetheric energy inside its central wheel to begin spiraling, and this churning movement would continue inside the object even once Dr. Aspden brought the gyroscope to a stop.

Surprisingly, for up to 60 seconds after Aspden’s gyroscope stopped rotating, it would take ten times less energy to return it to the same velocity as it had attained the first time – only 100 joules. This is another reproducible effect that has simply been ignored by the mainstream, because it “violates the laws of physics.” However, with Kozyrev’s work as a background, we can hear the chuckles of Russian scientists as they read of Dr. Aspden’s troubles in getting anyone in the West to acknowledge this effect.

Now if you’ve been paying attention, you might notice that Kozyrev showed that lead (Pb) maintained its latent forces for 14 seconds and aluminum for 28, and yet Dr. Aspden’s gyroscopes would retain their forces for a full 60 seconds. This is due to the fact that extra aetheric / torsional energy is harnessed by the powerful permanent magnet making up the center of the gyroscope – and in Convergence III we demonstrated how this basic property of rotating magnets has been used to create many different “free energy” devices.

1.16 MASTER LIST OF NON-MECHANICAL DETECTORS

Although we have discussed gyroscopes, pendulums and torsion beam balances so far, Kozyrev also discovered non-mechanical detectors that could pick up the energy of the "time flow." What we mean by "non-mechanical" is that torsion waves could be detected without the moving parts normally required, which involved two different forms of mechanical vibration or motion, such as in the gyroscope, torsion balance and pendulum. Some of these non-mechanical detectors can demonstrate quite substantial changes in the presence of torsion fields, and in the case of tungsten and quartz, the effects of torsion fields on the material can be irreversible. All of the following will show changes in the presence of torsion-wave energy:

- the conductiveness of electronic resistors, especially those made from tungsten metal
- the mercury level in thermometers
- the vibrational frequencies of quartz crystal oscillators
- the electric potentials of thermocouples
- the viscosity of water
- the amount of electronic work that can be performed in a photoelectric cell
- the reaction rates of chemical compounds (such as the Belousov-Zhabotinsky effect)
- the growth parameters of bacteria and plants

A highly-detailed summary of Kozyrev's work, including the exact graphs, detailed statistics, analyses and descriptions of all the above detectors, can be found in "A Substantial Interpretation of N.A. Kozyrev's Conception of Time," by A.P. Levich, 1996.

1.17 CHERNETSKY'S REPLICATION

Some of these non-mechanical torsion-wave detectors were reproduced by the team of A.V. Chernetsky, Y.A. Galkin and S.N. Kolokoltzev, who also created a device that generated and stored this aetheric energy much like a capacitor, which is an electronic component that stores an electric charge. They referred to their invention as a "self-generating discharge device." Like Kozyrev, Chernetsky et al. found that the level of resistance in an electronic circuit would change if a part of it was placed between the two capacitor plates of the device while it was in operation. Also, the vibrational frequency of a quartz oscillator could become 1000 or more times faster than it was before it was placed in between the plates. This should raise an eyebrow, as the reliability of quartz crystals to maintain a steady pulsating rhythm while having electricity pass through them is used to keep accurate time in the vast majority of digital watches and clocks in existence.

1.18 LATENT FORCES IN THE VACUUM AND IN MATTER

Chernetsky et al. also discovered that their "self-generating discharge device" could create a "static" or non-moving torsion field within the very structure of space-time itself. A flowing "current" can be created in the fluidlike aether even if no matter existed in the area. Chernetsky et al. could still measure the same torsion-field effects in the area that had been between the two plates of the machine, after the machine was turned off and far removed from the area! The latent effects would still be measurable with tungsten metal or

quartz oscillators.

Another similar effect was discovered by Donald Roth, which he called "Magnetic Memory," and documented by the Institute for New Energy. Roth discovered that he could bring a magnet close enough to a beam balance that it would attract the balance to itself, and after about five days the magnet could be moved much farther away from the balance and still attract it the same way. The Russians refer to this concept as "vacuum structuring," and it again shows us that there is "something there" in supposedly empty space – something that the inheritors of the Atlantean Mysteries knew as the "aether."

Kozyrev also discovered that a physical substance can become "structured" in the same way. As he wrote on page 217 of his 1977 paper,

... A body placed for a certain time near a process [that generates torsion waves] and then brought to a torsion balance [would] produce the same effect on [the torsion balance] as [the original torsion-generating] process [produced by] itself. [The] memorizing [of] the action of processes is a feature of [all] different substances, except aluminum.

In 1984, Dankachov showed that the "memory" or "structuring" effect could occur with water as well, and this is one experiment that does find its way into Western alternative scientific thinking from time to time. The "memory of water" experiments begin by utilizing one of the basic torsion-wave creating processes to cause the measured viscosity or thickness of water to decrease. Then, the treated water is placed next to another container of water, and the new water's viscosity will then decrease just like the original treated water. Other experiments, such as those of Jacques Beneviste, show that this "memory of water" effect is able to carry over into chemical effects as well, where torsion-wave generators are used to excite water with a certain chemical compound in it. Then, that compound can be energetically transferred to a sealed container of pure water, and the sealed water will acquire the same chemical characteristics as the original.

1.19 SOLAR ECLIPSE ENERGY SHIELDING EFFECT

As we already suggested in the prologue, the Sun is our obvious choice for being the primary source of torsion waves in our heliosphere, due to it having 99.86% of the total mass of the Solar System. In 1970, Saxel and Allen showed that during a solar eclipse, the presence of the moon shields the Sun's radiant torsion fields, and this causes an increase in the period of oscillation for a torsion balance. Meteorologists V.S. Kazachok, O.V. Khavroshkin and V.V. Tsyplakov were able to repeat this experiment during the 1976 solar eclipse and produce the same effect, which they then published in 1977. Others have obtained the same results through observing the simple deviations of a pendulum at the time of a solar eclipse.

1.20 MOLECULAR ALIGNMENTS AIDING OR SHIELDING TORSION EFFECTS

As we already mentioned, the Einstein-Cartan theory first established a theoretical basis for the existence of torsion fields in 1913. The theory predicts that there will either be right-handed or left-handed torsion in space, depending on the location. Subsequent discoveries in quantum physics related to the notion of "spin" confirmed that "electrons" will either have "right-

handed" or "left-handed" spin, meaning that movement is detected that will either be clockwise or counterclockwise. All atoms and molecules maintain varying degrees of balance between right and left-handed spin. Kozyrev determined that strongly right-handed molecules such as sugar can shield torsion effects, whereas strongly left-handed molecules such as turpentine will strengthen them. Subsequent Russian investigations also determined that common polyethylene film acted as an excellent shield for torsion waves, and were used in many different experiments such as those discussed by Dr. Alexander Frolov.

1.21 "QUANTIZED" CHANGES IN WEIGHT

We discussed Kozyrev's experiments where an object would be disturbed in various ways, and its changes in weight would then slowly return to balance over time. There is one important factor that emerged in these experiments that does not easily fit in with our convenient analogy of the sponge in water, and that is known as "effect quantization." (We shall explain what causes it later.) When something is quantized, that means that it does not move or count smoothly, but only stepwise, in certain specific intervals. Simply put, the weight of an object would not increase or decrease steadily in the "latent force" experiments, but rather in sudden bursts. This is certainly a highly anomalous property for matter to have. As Kozyrev said,

In the vibration experiments on a balance the weight reduction... occurs stepwise, beginning with a certain vibration power. As vibration frequency is further increased, the weight reduction... at first remains the same and then again grows stepwise by the same value... So far a realistic explanation of this phenomenon has not been found... Afterwards it turned out that effect quantization takes place in almost all the experiments. (Kozyrev 1971, p. 126)

As a case in point, Kozyrev studied these effects on a 620-gram weight, which he would subject to vibrations, measured in hertz or cycles per second. We remember that cooling an object contracts it, whereas heating an object expands it. Both heating and cooling are functions of vibration, so depending on how we vibrate an object, we can either cause its weight to increase or decrease. In this experiment, the mass of the 620-gram weight would be slightly increased by subjecting it to high-speed vibrations. In order to give the experiments nice, clean numbers, Kozyrev and Nasonov later applied a straightforward mathematical function to "renormalize" the results from the 620-gram weight to the higher and simpler value of 1 kilogram. The numbers given in the next paragraph are renormalized to the 1-kilogram level.

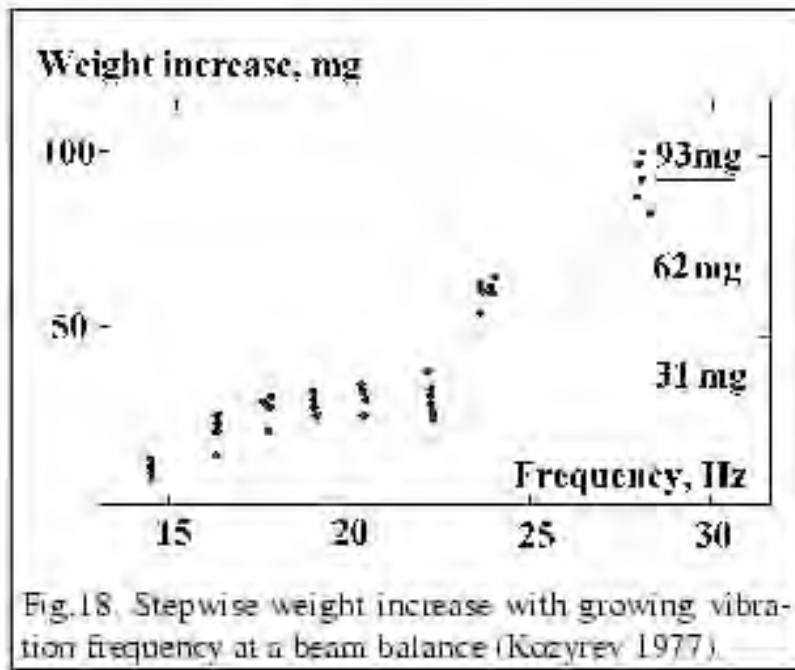


Figure 1.6 – Quantized increases in weight with growing vibrational frequency, measured by beam balance.

So as we can see from this chart, as the vibrations of the object rose to the threshold area of 16-23 hertz, (or cycles per second,) the object would show a stable weight increase of 31 milligrams. At this level, Kozyrev could increase the vibrations between 16 and 23 cycles per second and detect no further weight gain. Then suddenly, as he increased the vibrations on the weight to 24 hertz, its overall weight increase would spontaneously double to 62 milligrams. As he increased the vibrations from 24 to 27 hertz, no change in weight was registered. Yet, when the vibrations increased to 28 hertz, the net weight increase would again suddenly jump up by another 31 hertz to 93 milligrams. Each time that a new threshold would be reached, the initial gain of 31 milligrams would be added to the overall amount. As Kozyrev discovered,

We succeeded in obtaining fivefold and even tenfold effects. (!)

Let us not forget that this “effect quantization” occurred in almost all of Kozyrev’s experiments, whether the overall weight of the object in question was either increasing or decreasing. In order for something like this to be taking place, the basic 31-milligram interval that was measured with the 1-kilogram object must be a function of its combined volume, density, weight and topology (shape), similar to the tone that you hear when striking a bell of a given size, shape and density. As Kozyrev rose the frequency of vibrations in the object, new intervals of weight increase were produced, but always in units of 31 milligrams.

This “effect quantization” is actually a very important key to understanding the multidimensional nature of matter, illustrating that atoms and molecules maintain an onion-like structure of nested spherical waves. Our discussions in the next chapter will begin to show the context of this experiment and how it relates to new discoveries in quantum physics.

1.22 DIFFICULTY IN COMBINING KOZYREV'S VIEWS WITH MAINSTREAM SCIENCE

Kozyrev's views are not quickly or easily assimilated by the mainstream scientific community, especially in the West, because the magnitudes of the effects he measured are quite small. For example, the additional forces that were introduced in his mechanical experiments changed the weight of the objects being studied by a mere factor of 10^{-4} to 10^{-5} , such as the gyroscope that would only become 100 milligrams lighter when rotating and vibrating at the same time. In order to appreciate how small of a change this is, remember that a certain active ingredient that was added to a vitamin pill might have 100 milligrams of weight on the label.

As Kozyrev himself puts it, "The experimental results show that the organizing property of time exerts a very small influence on systems [of matter such as stars,] compared with the usual, destructive course of their development. Therefore it is not surprising that this... entity has been missed in our system of scientific knowledge. However, being small, it is distributed everywhere in nature, and only the possibility of its being stored is needed" (Kozyrev 1982, p.71).

REFERENCES:

- 1 Akimov, A.E. and Shipov, G.I. Torsion Fields and their Experimental Manifestations. Proceedings of International Conference: New Ideas in Natural Science, 1996.
- 2 Anonymous. (Amount of vacuum space in light bulb) {Link no longer in operation 6/02}:
- 3 Fox, Hal. Now Come Torsion Fields. NEN, Vol. 5, No. 11, Mar. 1998, p.1. URL:
- 4 Gamow, George. Gravity. Anchor Books, NY, 1962; p. 138. Keely, John. Sympathetic Vibratory Physics.
- 5 Kozyrev, N.A. On the Potential for Experimental Investigation of the Properties of Time. 1971.
- 6 Levich, A.P. A Substantial Interpretation of N.A. Kozyrev's Conception of Time. Singapore, New Jersey, London, Hong Kong: World Scientific, 1996, p. 1-42.
- 7 Lyne, William. Occult Ether Physics. Creatopia Productions, NM, 1997. ISBN: 0-9637467-2-3
- 8 Nachalov, Yu.V. Theoretical Basics of Experimental Phenomena.
- 9 Nachalov, Yu.V. and Parkhomov, E.A. Experimental Detection of the Torsion Field.
- 10

Nachalov, Yu.V. and Sokolov, A.N. Experimental Investigation of New Long-Range Actions. 1993.

11

Ostrander, S. and Schroeder, L. Psychic Discoveries Behind the Iron Curtain. Prentice-Hall, Inc., Englewood Cliffs, N.J., 1970.

12

Pasichnyk, Richard. The Vital Vastness: Volume One. Writer's Showcase, 2002.

13

Russell, Walter. The Divine Iliad. University of Science and Philosophy
14

Taubes, Gary. Relativists in Orbit. Discover Magazine, March 1997.
15

Tesla, Nikola. Lecture Before the Institute of Immigrant Welfare. May 12,
1938.
16

Wilcock, David. Science of OnenessI. April, 2001. URL:
17

17. Wright, Walter. Push Gravity

CHAPTER 02: LIGHT ON QUANTUM PHYSICS

CHAPTER 02 – LIGHT ON QUANTUM PHYSICS

2.1 BASICS OF AETHERIC QUANTUM MECHANICS

Dr. Kozyrev's experiments give us a radically different view of matter, and its interaction and connection with the surrounding environment, than that which is taught in the scientific mainstream. Therefore, a new model of quantum mechanics is required to account for matter being able to subtly increase and decrease in its weight, based on its interaction with a non-electromagnetic, fluidlike energy source. The more esoteric questions related to how torsion fields connect with consciousness and spirituality shall be relegated to later chapters; at this point, our main concern is to establish a working system of physics that explains exactly what matter is. If nothing else, Kozyrev's findings show us that we still do not have an adequate model to answer that question.

Thankfully, many adept thinkers are tackling the problems with quantum physics and have come up with ether-based models that answer these nagging questions, which have been almost completely ignored in the Western mainstream scientific community. These pioneers would include Dr. Milo Wolff, Dr. Vladimir Ginzburg, Dr. Volodymyr Krasnoholovets, Charles Cagle, "Smart 1234," Dr. John Nordberg, Lt. Col. Tom Bearden, Dr. Henry Myers, Dr. Harold Aspden, Dr. R.B. Duncan, Buckminster Fuller, Dr. Oliver Crane and many more. Each of these sources contain different pieces of "the puzzle", however we feel that the work of Rod Johnson is needed for all remaining paradoxes to be completely accounted for – and it shall be introduced in Chapter Four. Although it is certainly possible for future authors to present a complete, unified model, we will just cover enough interesting highlights here to show that such a model can and does indeed exist.

2.2 GINZBURG'S NEW VIEW OF RELATIVITY

Our first key concepts to explore come from Dr. Vladimir Ginzburg, who was born in Moscow, USSR and moved to the U.S. with his family in 1974. Having received his Ph.D. in technical sciences in 1968, he was certainly well positioned to have heard about the findings of Kozyrev, one of Russia's top astrophysicists. However, as we said, there was a strong desire for secrecy in the Soviet regime on these matters, and Ginzburg never mentions Kozyrev's name in his work. Nevertheless, Ginzburg discovered that a few simple changes could be made to the common equations for relativity theory that would not disagree with any known observations and that furthermore perfectly explain the weight-changing anomalies of matter that Kozyrev had noted.

Relativity theory states that an object gradually increases in its mass once we begin accelerating it. In conventional scientific thought, no object can exceed the speed of light, because as it approaches this speed, the equations state that the object would become infinitely massive. Yet, in very loose terms, Ginzburg found that you could completely reverse (invert) these equations without violating any known scientific observations. This means that instead of growing more massive, an object will actually shed energy back into the

aether as it is moved, thus causing it to gradually lose all of its core characteristics of gravitational mass, inertial mass and electric charge as it approaches the speed of light. Ginzburg introduces these new concepts in the next quote: [We have added emphasis and deleted the letters for terms such as "velocity" in order to enhance readability:]

The main two features of these new equations are:

- Both the gravitational mass and inertial mass of a particle decrease as its velocity [speed] increases.
- [The] electric charge of a particle [also] decreases as its velocity increases...

As seen here, an object's overall mass (weight) is represented by both gravitational and inertial masses, which are simply measurements of how gravity and inertia behave on the object. Curiously, both gravity and inertia have essentially identical effects on matter, which is known as Einstein's "Principle of Equivalence". This principle shows us that gravity and inertia are two forms of the same energy at equal strength – one moving downward (gravity) and one providing resistance as we move through space (inertia.) This is one of the easiest ways to see that there must indeed be an "aether" or "physical vacuum" that is behind both forces, and Kozyrev had also noted this connection in his own studies. So, once we start accelerating an object, (which we said is like a sponge submerged in water in this new model,) the added pressure will compress the atoms and molecules in the object and cause more and more of its aether to be released.

Ginzburg then continues:

You may not be prepared to abandon immediately the century-old relativistic equations. But once you are ready to do so, you will discover many amazing things:

- Only when a particle is at rest may it be considered as "pure" matter. As soon as the particle begins to move, its gravitational mass and electrical charge will start to decrease in accordance with the new relativistic equations, so that a part of its matter will be converted into a field. When the particle's velocity becomes equal to the ultimate spiral field velocity "C", its gravitational mass and electric charge become equal to zero. At this point, matter will be completely converted into a "pure" field.

The "ultimate spiral field velocity" of "C" that Ginzburg mentions is slightly higher than the normal speed of light, due to the spiraling path that he believes all energy must follow. This simple change to the basic relativity equations then leads to a new quantum physics of transmutation, with the concept that an object could completely disappear from our known physical reality. This raises a key question: "Disappear to where?"

2.3 MISHIN AND ASPDEN BOTH FIND DIFFERENT LEVELS OF AETHER DENSITY

Ginzburg asserts that an object becomes "pure field" as it increases up to light speed. However, there is solid evidence that there are different vibratory levels of aether, and we therefore conclude that as an object is accelerated towards the speed of light, either by linear motion, internal vibration or related energetic action, the missing energy and mass is simply displaced into a higher vibratory level of aether. In this book we shall refer to these levels as densities. As one example, if you put pressure on a beach ball by slowly

pushing it into water, you can gradually move it from being surrounded by air to being surrounded by water, which is denser. When you release the pressure that you placed on the beach ball, the higher density of the water will cause it to pop back into the lower-density atmosphere once more. You will see that nothing in the basic form of the beach ball has changed. Though this is a rather crude analogy, it is by far the best one to explain many anomalies that we will discuss throughout this book.

Certain scientists such as Dr. A.M. Mishin, Dr. Harold Aspden, Dr. Nikola Tesla and John Keely have all independently discovered that the aether is subdivided into different levels of density. From these findings, we know that the qualities of matter and energy will be different in each density, leading to changes in the basic "laws" of physics within each level. We shall touch briefly upon their discoveries to put our discussion in the proper context.

First of all, Dr. A.M. Mishin of St. Petersburg, Russia conducted extensive measurements over long periods of time in his laboratory, which showed that the aether simultaneously exists in different states, and the state that you will detect is dependent on what type of turbulent disturbance that you create.

These findings were established through measurements taken by auto-oscillating electromechanical systems similar to some of Kozyrev's designs, with an undisclosed "added component" that was more suited to detecting torsion waves from biological systems as opposed to inorganic systems. With these measurement devices and techniques, Mishin could detect:

- the "temperature" of the aether, akin to the amount of vibratory disturbance in it,
- the direction and polarization of the aether, and
- the flowing movements or "fluxes" of the aether.

Mishin numbered the different densities of aether that he discovered as follows:

- Ether-1 behaved like a solid-state body;
- Ether-2 behaved like a dense superfluid liquid;
- Ether-3 behaved like a gaseous body, connected with molecular motion;
- Ether-4 is the state we observe as stellar plasma energy;
- Ether-5 corresponds to galactic processes.

As we can see, it appears that each level of aether that Mishin discovered has a different level of density than the others, most specifically visible in the first three, which are obviously in decreasing order of density. We should remember that Dr. Mishin is not the only scientist to have discovered that the aether exists at different density levels. Since the 1950s, Dr. Harold Aspden has documented similar discoveries, and in his case they are backed up by extensive equations. Furthermore, all the major foundations of Aspden's work had successfully passed peer-review processes and ended up being published in prestigious scientific journals, and this material shall be covered in later chapters. Also, the 19th century physicist John Keely classified seven different densities of aether, probably through a discovery process similar to Dr. Mishin's.

All of this research allows us to introduce the concept that these different levels of aetheric energy density actually correspond to different "dimensions" or planes of existence. Many ancient mystery-school teachings seem to agree that there is an Octave of seven major densities that correspond with the

colors in the rainbow or the notes in the Diatonic musical scale, and this has been well covered in our previous volumes. Such a wonderful, elegant solution to the quirky mathematical problems of “higher dimensions” is exactly what we would expect to see in a Divine Cosmos. The purest, most harmonic vibrations of visible light and audible sound are both conveniently organized into an Octave framework, and it appears that the vibrations of the aether are no different.

As we continue to present information throughout the rest of this book, the combined effect of Mishin and Aspden’s models of a multi-leveled “aether” will be very important to our arguments. Mishin gives us the direct observational evidence that such levels exist, and Aspden gives us a complete mathematical foundation to explain how and why they exist. Never before has there been a theory of quantum physics that can account for mysterious, documented effects related to objects appearing, disappearing and / or reappearing around us. These effects include the anomalies of the Bermuda Triangle and other such vortexes as well as the many surprising, scientifically documented accounts of telekinesis, such as those now emerging from China in Paul Dong’s book *China’s Super Psychics*, discussed later in this book. The material in this book sets forth such a theory that satisfies these requirements. Even more importantly, we will establish that these differing aetheric densities must also correspond to different levels of intelligence and consciousness. And for now, we must continue to focus on the basics.

2.4 GINZBURG AND THE “DYNOSPHERE”

Dr. Ginzburg also suggests that his new relativity equations reveal the existence of spiraling waves of energy, and a “spiral field” that travels through a sphere-based, fluidlike aether that he calls the “dynosphere:”

[The] dynosphere is an assembly of the field bubbles that fill the entire space in the universe.

Obviously, Ginzburg’s theory is in exact harmony with Kozyrev’s findings. Ultimately, the “aether” must be visualized at the tiniest level as being composed of spherical bubbles of aetheric energy that exist throughout the entire Universe. Torsion waves move through this aether by causing adjacent “field bubbles” to bump into each other. No one bubble actually moves very far in its position, just as a set of floating objects can essentially remain in the same position as waves roll by in the water. Each time an impulse of momentum hits a field bubble, the bubble then collides into its neighbors, transferring the momentum. The impulse will continue to be transferred along even though all the bubbles end up in the same relative positions that they started in.

Ginzburg’s new model also leads to the idea that atoms and molecules are simply vortex formations, akin to smoke rings or whirlpools, which have formed within this fluid-like aether that he calls the dynosphere. Though he and many other thinkers have provided great amounts of evidence to back up their claims, most mainstream scientists continue to shun these concepts. They stand on the well-worn edifices of thought that insist that atoms are made of particles. However, we will now demonstrate that the particle model is nothing more than a belief that has been built up from a series of assumptions.

2.5 ASSUMPTIONS OF QUANTUM PHYSICS

Niels Bohr was the first to promote the “magnetron” model of the atom, which involves particles that orbit each other like a tiny Solar System. Many people are not aware that this model cannot be true and is actually quite misleading, as a number of experiments confirm that the so-called “particles” behave as if they were waves. This leads to confusing problems such as the Schroedinger’s Cat paradox and Heisenberg’s Uncertainty Principle, both of which try to tell us that atoms are not actually “real” but are only “probabilities” at the quantum level. To have something that is not “real” as the foundation of matter seems quite absurd. Here, we must remember that the majority of our conclusions about the quantum realm are assumptions only, which have been built up from only two indirect sources:

1

Spectroscope Analysis

2

Vapor-Trail Analysis

Beginning with the first on the list, spectroscope analysis is simpler than most would imagine. A particular element (group of atoms) is stored in a small, transparent container while it is in a changing state of energy, which causes it to release light (photons). Then, a special form of light is shone through the element, which pushes the released photons along so that they pass through a prism (lens) or grating (slot) that breaks them up into a rainbow color spectrum. The spectrum is then recorded on film and analyzed, and due to the unique quality of the light radiation that is shined through the changing element, (which is appropriately named as “black body” radiation,) the film will only capture a small series of vertical colored lines. These lines are created by untold numbers of photons, at certain exact color frequencies, which the chemical element is releasing. So all we know for certain is that the atoms are releasing certain color frequencies of light (photons), which are then being analyzed – anything else is an informed assumption.

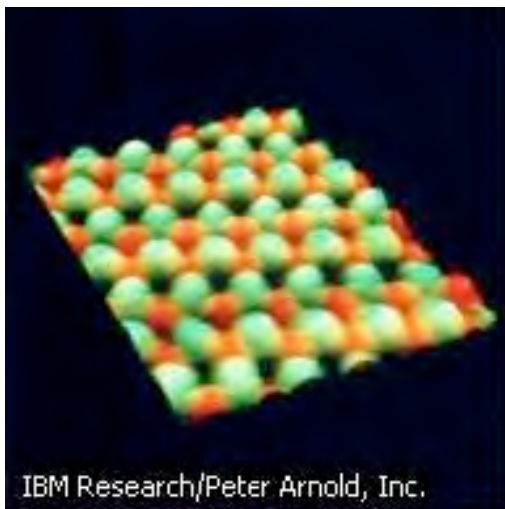
The second category of quantum measurement is “vapor-trail” or “bubble chamber” analysis. The medium that is used to detect the “particles” is typically a glass chamber that is filled with highly pressurized gas, such as water vapor. The pressure is so high that no further molecules can be forced in, and when a charged “particle” travels through the medium, it creates visible disturbances. Here is Dr. Milo Wolff’s explanation of this:

The second means of measurement involves directing single charged particles to enter a medium which will record the particle’s path by abstracting part of its energy to create some sort of visible reaction in the medium. Photographic film and vapor-saturated air or liquids are common media. In the latter two cases the passage of the particle [through the medium] causes tiny fog particles or bubbles to appear; hence the method is called a cloud chamber or a bubble chamber. If a magnetic field is present, the particle path is curved [in a spiral] and measurement of the path permits calculation of mass, momentum and energy.

As Dr. Wolff indicates, the vast majority of our “particle” beliefs come from

these two forms of measurement and the assumptions that have been inferred from them. One additional case of “proof” concerns the idea that atoms have a nucleus of particles. This came about from Rutherford’s experiment where he bombarded a piece of very thin gold foil with high-energy protons, and measured how many of the protons passed through the foil. A very small but measurable number of the protons did not pass through the foil. Since not all of the protons went through, Rutherford concluded that these protons had bounced off of a tiny “nucleus” in the center of the atom and that the rest of the area was largely “empty space.”

So, we have Rutherford’s experiment, spectroscopy and bubble chamber analysis as the foundation upon which the vast majority of assumptions about quantum physics have been made. No atoms had even remotely been “seen” visually until 1985, when IBM Research Almaden Labs was the first to use an electron tunneling microscope to actually photograph the organization of molecules of germanium in an ink-blot. What we see from this experiment in Figure 2.1 are indistinct, fuzzy spherical objects that appear to have some non-spherical geometric qualities to their shape and are in an extremely geometric pattern of organization, which was definitely a surprise for conventional science. The image was artificially colored orange and green to allow the eye to discriminate between the two types of atom that were seen:



IBM Research/Peter Arnold, Inc.

Figure 2.1 – Actual photograph of atoms of germanium in an ink-blot.

Furthermore, when quantum physicists have studied the “electrons” of the atom, they have observed that they are not actually “points” at all, but rather form smooth, teardrop-shaped “clouds” where the narrowest ends of the “drops” converge upon a very tiny point in the center (Figure 2.2). Here, we shall reprint excerpts from Dr. Milo Wolff’s book just to make the point absolutely clear, with emphasis added:

p. 122 – There are no Electron Orbits! Whoever started the notion of electrons traveling around the nucleus like planets made a terrible blunder! If you have learned such an idea, discard it immediately. Instead, all calculations and all experiments show that no satellite-like orbital motion exists in the normal atom. Instead, there are standing wave patterns. For example, see the case of $N=1$ in Figure 9-1 [or in these diagrams, $M=0$ and $L=0$] where the standing wave pattern is entirely spherical. The center of the electron pattern is also the center of the proton pattern. This is the normal situation of the H atoms in

the universe; they have spherical symmetry, not orbits.

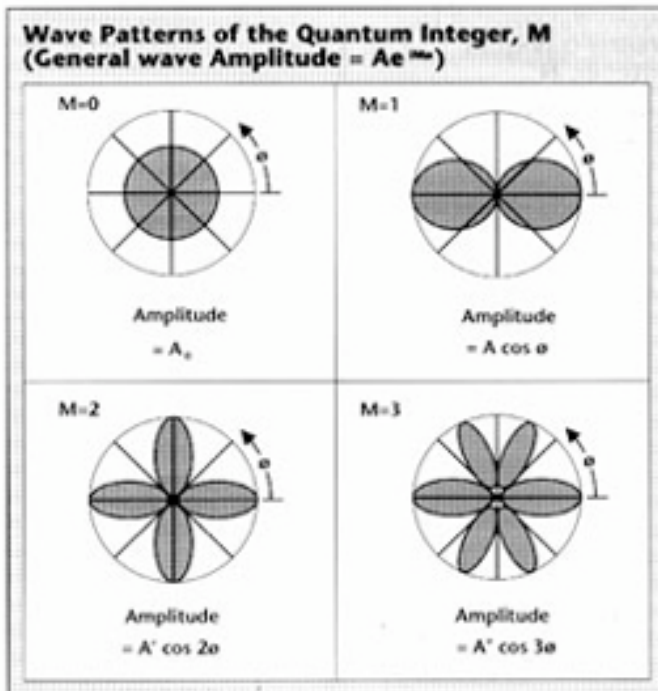


Figure 9-1C. Equatorial waves.
These figures look down upon a pole of the sphere and show amplitudes of the standing waves rotating around the center of the equator which depend on the longitudinal angle θ . Each added integer adds another pair of standing wave lobes.

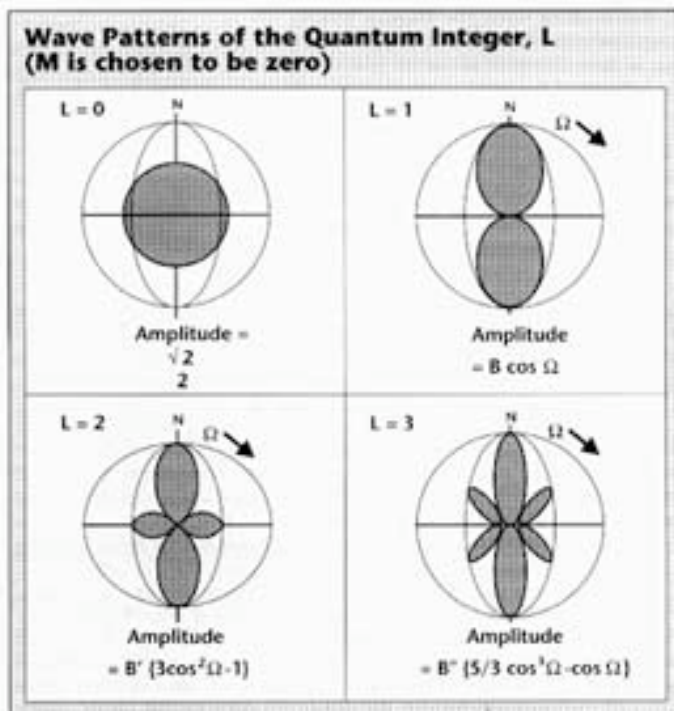


Figure 9-1D. Polar standing waves.
These figures look towards the equator of the sphere and show waves traveling between the poles. The amplitude equations are shown as Associated Legendre functions which depend on the latitude $\cos \Omega$, and the quantum integers L and M. Each added integer of L adds another pair of standing wave lobes.

Figure 2.2 – Electron clouds from top-down view (L) and from side view (R).
[Courtesy Wolff, 1990]

All experiments to probe a central structure of the electron have been negative.

2

No QM theory exists that predicts a size for the electron, a mass, nor a charge. Further, there is no theory that quantifies the particle in a meaningful calculation. This implies that QM actually has no need of a particle concept because all the calculations are the same whether or not you believe in particles.

3

The substantiality of "mass" is doubtful because it can always be converted to electromagnetic energy, which has no particle properties.

As Dr. Wolff suggests, the observed teardrop shapes of electron clouds are exactly what we would expect when seeing a "standing wave" of vibration. We remember that the hydrogen atom's electron cloud was seen to have a spherical shape. This is also a direct indication that atoms are vortex formations, since the hydrogen atom is considered the "building block" of all the other elements, with one hypothetical "proton" in the nucleus and one hypothetical "electron" that is actually represented by the spherical cloud.

2.6 NEGATIVE AND POSITIVE: SIMPLE DIFFERENCES IN PRESSURE

As every scientist knows, the electron clouds have a negative charge and the "protons" in the much-tinier nucleus area have a positive charge. This is known as "charge polarity," since there are two charges that are polarized, or opposite. It has long been a mystery as to what this truly means, and why there is a "flow" of charge. This problem has boggled the mind of many a scientist, and Dr. Aspden admits it in the following quote:

I admit that I cannot as yet solve the riddle of charge polarity. It lies in unexplored territory and apart from a few brief excursions into that territory, I see it as uncharted ground... [it is] a challenge and possibly the final frontier of our conquest of physics. It surprises me that the subject is not even mentioned by physicists as something warranting research investigation. It seems that it is easier to explore what happened in the first moments of the 'Big Bang' than to look into what is happening within us and all around us here and now on Earth. [emphasis added]

In Dr. O. Crane's new model and certain others, these opposing charges, or charge polarities of negative and positive are actually nothing more than differences in aetheric pressure. The negative electron clouds have a higher pressure, and the positive nucleus has a lower pressure. Put simply, the negative charges in the electron clouds are flowing into the positively charged area at the center of the atom.

This suggests that a much easier unification between electromagnetism and gravity is possible, as both gravity and charge polarity represent the pressing-in of aetheric energy towards the center of the spherical field or object. (Esoteric science might say that these are both forms of "the striving of all matter and energy to again become One.") The only real difference, then, between gravity and charge polarity is in the strength of aetheric pressure

that is measured, and the degree of symmetry with which the energy flow presses in across the sphere's surface. Why do we say symmetry is important? Simply put, the gravitational forces on Earth are very consistent from one place to another, whereas in the atom you have areas between the electron clouds where there is no "flow" of energy towards the center. We will explain why there are these partitioned areas later in this chapter.

Now, with Dr. Crane's "aetheric pressure" concept for charge, the mystery of charge polarity is cleared. This concept is given undeniable factual support by what is known as the Biefeld-Brown effect, first proposed by Prof. Paul Biefeld, who had once been a fellow student of Albert Einstein in Zurich, Switzerland. Biefeld proposed an "aetheric" concept of charge as a flow of aether, where the negative charge was an area of high pressure within a sea of aetheric energy, and this pressure would flow into low-pressure areas of what we call positive charge in this same sea. If this model were indeed true, Biefeld proposed, then with a high enough level of electromagnetic intensity, it should be possible for an anti-gravitational propulsive force to be created.

The first person to successfully test Biefeld's theoretical effect was Dr. Townsend T. Brown in 1923. His experiment involved a "plate condenser," which is simply a positive electric plate (literally a disc shape, interestingly enough) and a negative plate that are sandwiched on top of each other with a non-conductive or dielectric material between them. Then, this plate condenser is charged with a high amount of electricity and suspended by a firm wire that would be able to rotate in a large circle on the horizontal plane if it were moved. When this object is charged up, it will move independently towards the positive plate of the condenser, sustaining a constant thrust and causing the whole wire / plate condenser assembly to spin around in circles by itself. Then, Dr. Crane continues:

When the condenser was vertically fastened to a beam scale, a weight increase showed if the positive pole (low pressure) was pointing down. Correspondingly a weight loss occurred when the negative pole (high pressure) was pointing down. The intensity of the effect was determined by the size of the pole plate areas, the voltage level and the polarization capability of the dielectric. [emphasis added]

The last statement regarding the "polarization capability of the dielectric" may be confusing. As we said, a dielectric is a non-conducting substance, which in this experiment is sandwiched between the two oppositely charged plates. The "polarization capability" refers to how well the dielectric material can keep the charges between the two plates separated, or polarized.

So, what we can see here is a very core and essential finding for understanding the structure and function of the Universe. When a flow is established between the negative and positive pole, a river of energy is created in the surrounding aether, and the river of aetheric energy will forcefully move towards the positive. This effect is indeed strong enough to counteract gravity. Many reputable sources agree that Brown devised a means to create a self-contained unit which could defeat gravity and rise into the air on its own, and that his work was immediately classified thereafter. Since that time, at the Disclosure Project Executive Summary Briefing on May 10, 2001, which Wilcock attended along with a number of congressional aides and other invited guests, certain witnesses testified that various deep-black

programs have indeed mastered the use of this technology for propulsion. The system of concentric magnetic rings and rotating magnetic rollers, devised by Prof. John R. R. Searl and discussed in our previous volume, is another workable anti-gravity system, and was successfully duplicated and the results subsequently published in Russia by Roschin and Godin.

Certain "feelers" are starting to be put out to the public's attention that the Biefeld-Brown effect could be used for propulsion. Jeff Cameron of Transdimensional Technologies filmed two versions of his "T3" device in action, a triangular metallic frame with thin wires that were attached to each corner. Over a non-conducting circular base, the triangular frame is seen to levitate and slightly wobble around in the air once the electric current is turned on. A loud and satisfying "SNAP" is heard as the flow is cut off and the device abruptly drops back down to the surface. Not surprisingly, as of Feb. 2002 the entire contents of the website were pulled except for the title page, with a vague promise to "keep checking." Thankfully, in March 2002, Jim Ventura independently replicated the exact same experiment, which is based on the research of Jean-Louis Naudin, and three films of it now exist on Art Bell's website for the general public to view. Interestingly, the object spins around constantly on its wires in the first two films, suggesting the spiraling pressure of torsion waves (gravi-spin energy) at work.

In the atom, the high-pressure negative "source" pushes towards the lower-pressure positive "sink," and this is responsible for the electron clouds flowing in to the nucleus. This leads us to the conclusion that atoms and the "empty space" of aether that surrounds them are both made of the same fluidlike energetic material; the only difference is that in an atom, the aether has begun swirling into a low-pressure central vortex, traveling through the electron clouds. Not surprisingly, one informant from the Disclosure Project revealed that the manmade ARV craft (Alien Reproduction Vehicles) are known to the insiders as "flux-liners." This is an obvious play on the term "airliner," and demonstrates their knowledge that the vehicles are riding on the aetheric energy flux or flow instead of air.

2.7 SPHERICAL SYMMETRY AND A CENTRAL AXIS

For our next key point regarding the nature of the atom, we see that the "particle" experiments of quantum physics have shown that there is a tendency towards a spherical structure of these energy fields. However, these spherical structures also have been seen to spin. Various techniques have been used to make this discovery, such as by measuring the qualities of identical "particles" as they are released from an emitter at successively different angles before colliding with a detector. The validity of the discovery of "spin" is not in dispute in the mainstream quantum world. As Dr. Wolff states it in Chapter 10 of his book, entitled *Particles and Electricity*,

p. 147 – A dilemma exists with respect to the rotational character of spin, as follows: Particles are spherically symmetrical in regard to charge, mass, and behavior. In spite of this, having a spin from a human realm view demands a spin axis, which would destroy the spherical symmetry! How can this be? Is there symmetry or isn't there? There might be an escape from this dilemma because whenever spin is transferred in an interaction (i.e. spin is measured,) the spin axis is always found to be along the line of particle motion. [emphasis added]

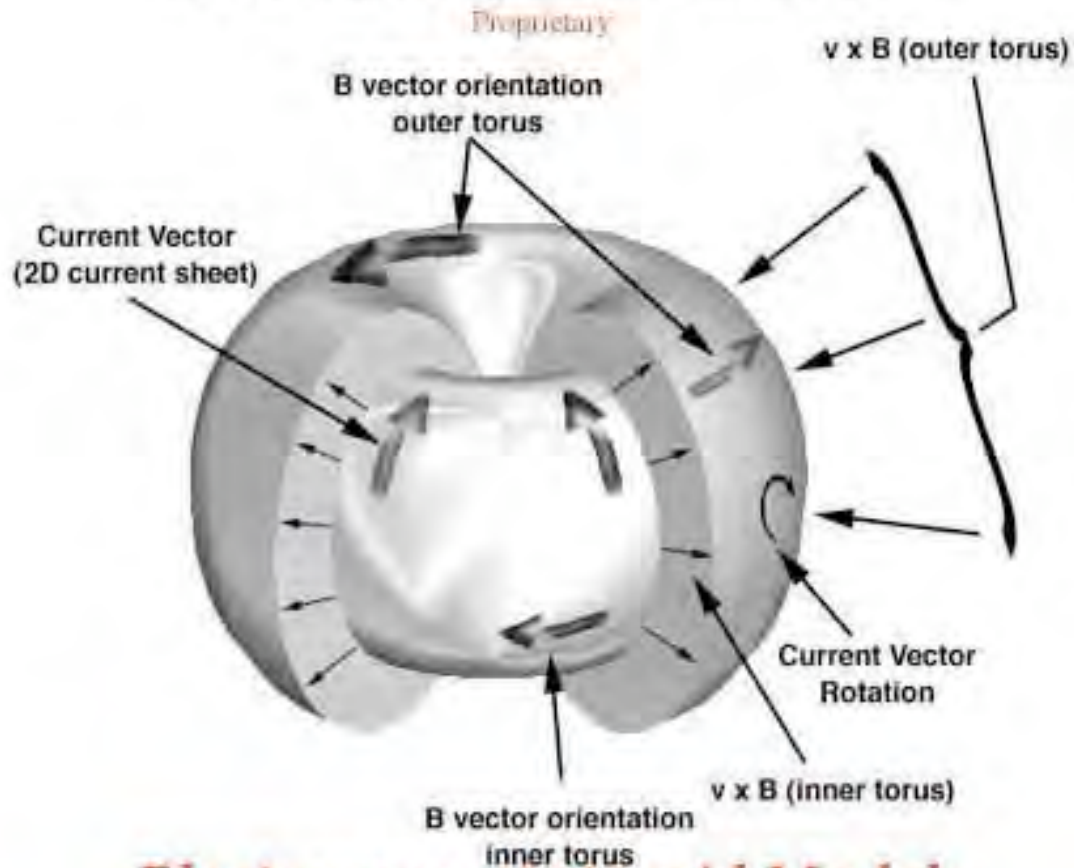
Thus, as “particles” move through the aether, their central axis of spin is aligned with the direction of their motion. This gives them the exact same “vortex” quality of movement as we would see with a smoke ring – this formation is automatically created by any straight-line movement through a fluid medium.

Our next question is exactly what this spherical vortex will look like. Let us begin by visualizing what happens when we have a single fluid that rotates around a central area. Once the fluid begins rotating, it forms a whirlpool along its rotational axis. This can be demonstrated very simply by filling up a sink with water and then stirring up the water with our hand in a large circle. We will quickly form a whirlpool in the center of the circle.

Now, we need to imagine that same fluid rotating inside of a spherical area, in this case the outside of the atom. What we will discover is that a whirlpool will again form along the rotational axis, between the north and south poles of the sphere. This whirlpool forms a complete hole through the center of the sphere. On one pole of the sphere, the water will flow in, with the vortex becoming progressively narrower as it approaches the center, and then the continuing momentum of the water will cause it to flow out through the opposite pole, the vortex becoming progressively wider as it reaches the outer edge. The water must flow in one side and out the other, since it has nowhere else to go. This is a basic property of “torus” formations and can be seen in the inwardly-curling movement of smoke rings, for example.

Naturally, a picture is worth a thousand words, and Figure 5.3 from Charles Cagle shows the structure of the spherical torus at the quantum level, which he calls the “electromagnetotoroid”:

Archetype Form or Neutral Macroparticle Structure



Electromagnetotoroid Model

Copyright © 1999 by Charles Cagle

Figure 2.3 – The “Electromagnetotoroid,” showing the spherical-torus formation at the quantum level.

As we continue with our investigation into the phenomenon of spin, we find that others have adopted the spherical torus for the quantum realm as well. Dr. Harold Aspden’s theories in this regard are among the most comprehensive and well-substantiated mathematically, and have been published in some of the finest physics journals. Dr. Aspden also illustrates the concept that atoms are actually spherical torus formations, while not using the word “torus”:

I interject here the comment that my onward research into this subject tracks evidence of the aether being able to exhibit rotational momentum, angular momentum, inasmuch as a sphere of something having a mass density can spin about a central axis and not disturb enveloping aether. Such is the vista that opens provided we keep faith with the aether belief and do not allow our minds to be usurped by Einstein doctrines. [emphasis added]

2.8 SPECIFIC ANOMALIES MUST BE SATISFIED

Our job would be relatively simple if all we had to do was to consider spherical atoms with a central axis, forming as vortexes in a fluidlike aether. However, there are specific geometric anomalies that turn up in quantum observations which must be satisfied in order for this model to be complete. Here are two basic quantum problems that would need to be addressed for the model that we are presenting to be accurate:

First of all, we would need to describe why "electron clouds" form in the atom with empty spaces between them, as opposed to simply spherical formations.

Secondly, we would need to understand how and why these spherical-torus energy formations gather into crystal structures, such as sodium chloride or salt, which forms a cube. One of the interesting properties of such a crystal is that it will naturally fracture into miniature versions of itself, where the same angular relationship is preserved between its facets.

Both questions may be solved when we begin to understand the importance of what are known as the Platonic solids, a set of five different geometric shapes that have a great deal of importance in ancient sacred science, and have been introduced in each of our previous volumes. In short, the "Platonic Solid" geometric forms will naturally appear in a spherical "vortex" of vibrating (pulsating) fluid. In the next chapter we will gain an understanding of the ancient and modern importance of Platonic Solids, and also see the weight of surprising and unexpected physical evidence to prove that this theory must be correct. Then, in Chapter Four we will bring in the theoretical data of Rod Johnson that completely rounds out our view of the quantum realm.

REFERENCES:

1

Aspden, Harold. Energy Science Tutorial #5. 1997.

2

Cagle, Charles. Electromagnetotoroid model. 1999.

3

Cameron, Jeff. Transdimensional Technologies. 2001.

4

Crane, Oliver et al. Central Oscillator and Space-Time Quanta Medium. Universal Expert Publishers, June 2000, English Edition. ISBN 3-9521259-2-X

5

Mishin, A.M. (Levels of aetheric density)

6

Mishin, A.M. The Ether Model as Result of the New Empirical Conception. International Academy of MegaSciences, St. Petersburg, Russia

7

Wolff, Milo. Exploring the Physics of the Unknown Universe. Technotran Press, Manhattan Beach, CA, 1990. ISBN 0-9627787-0-2.

CHAPTER 03: SACRED GEOMETRY IN THE QUANTUM REALM

CHAPTER 03: SACRED GEOMETRY IN THE QUANTUM REALM

3.1 ATLANTEAN SECRETS REVISITED

As illustrated in our previous volume, a majority of the unified cosmological picture that we have been describing in this book is provided in exquisite detail throughout the Vedic scriptures, which date themselves as being 18,000 years old. It is highly likely that the entire cosmology that we are discussing was well known by both the Atlanteans and the Ramans during ancient times. Then, roughly 12,000 years ago, a worldwide cataclysm caused the destruction of both civilizations. As the years passed, those who inherited the scientific knowledge would have more and more difficulty seeing "the big picture."

Almost all sacred traditions, including those of the Vedas, insisted that there was a hidden order that unified all aspects of the Universe, and that with sufficient study and visualization of the underlying geometric forms of this order, the mind of the Initiate could be connected with the Oneness of the Universe, enabling great feats of consciousness and mind-over-matter capability to occur. Some of these visualizations took the form of studying mandalas, such as the Sri Yantra formation. Others preferred to engage in dances where the movements and music were in tune with these geometric patterns. Still others preferred to assemble, sculpt and / or draw these forms with a compass and straightedge, hence the importance of the main symbol of the Masonic fraternity, which has the letter "G", symbolizing "God," "Geometry" and the "Great Architect of the Universe," surrounded by a compass above it and a straightedge below it. Pre-Masonic groups such as the Knight Templars chose to encode these geometric relationships into their sacred structures, such as the stained-glass windows in cathedrals.

3.2 SACRED GEOMETRY AND THE PLATONIC SOLIDS

Hence, the cornerstone of knowledge for secret mystery schools regarding this hidden order in the Universe has always been sacred geometry. We have written extensively on this subject in both of our previous books, and the reader is encouraged to refer back to them for greater understanding. In short, sacred geometry is simply another form of vibration, or "crystallized music." Consider the following example:

First, we vibrate a guitar string. This creates "standing waves," meaning waves that do not move back and forth across the string but remain stable in one place. We will see some areas where there is an extreme of vertical movement, representing the top and bottom of the wave, and other areas where there is no vertical movement, known as nodes. The nodes that are formed in any type of standing wave will always be spaced evenly apart from each other, and the speed of the vibration will determine how many nodes will appear. This means that the higher the vibration rises, the more nodes we will see.

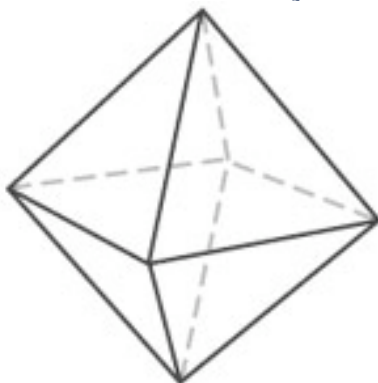
In two dimensions, we can either use an oscilloscope or vibrate a flat circular

“Chladni plate” and see nodes develop that will form common geometric forms such as the square, triangle and hexagon when connected together. This work has been repeated many times by Dr. Hans Jenny, Gerald Hawkins and others.

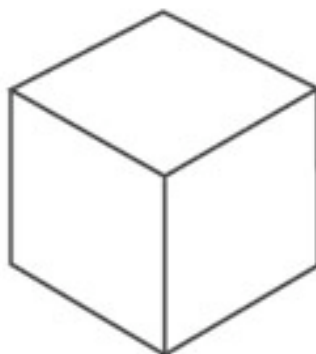
- If the circle has three equally spaced nodes, then they can connect to form a triangle.
- If the circle has four equally spaced nodes, it can form a square.
- If it has five nodes, it forms a pentagon.
- Six nodes form a hexagon, et cetera.

Though this is a very simple concept in terms of wave mechanics, Gerald Hawkins was the first to establish mathematically that such geometries inscribed within circles were indeed musical relationships. We may be surprised to realize that he was led to this discovery by analyzing various geometric crop formations that would appear overnight in the fields of the British countryside. This has been covered in both of our previous volumes.

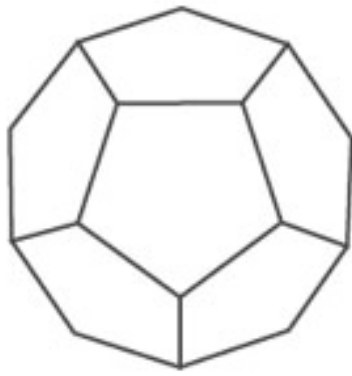
The deepest, most revered forms of sacred geometry are three-dimensional, and are known as the Platonic solids. There are only five formations in existence that follow all the needed rules to qualify, and these are **the eight-sided octahedron, four-sided tetrahedron, six-sided cube, twelve-sided dodecahedron and twenty-sided icosahedron.** Here, the tetrahedron is shown as a “star tetrahedron” or interlaced tetrahedron, meaning that you have two tetrahedra that are joined together in perfect symmetry:



STAR TETRAHEDRON
CUBE



OCTOHEDRON



ISOCAHEDRON



DODECAHEDRON

Figure 3.1 – The five Platonic Solids.

Here are some of the main rules for these geometric solids:

- Each formation will have the same shape on every side:
 - equilateral triangle faces on the octahedron, tetrahedron and icosahedron,
 - square faces on the cube, or
 - pentagonal faces on the dodecahedron.
- Every line on each of the formations will be exactly the same length.
- Every internal angle on each of the formations will also be the same.

And most importantly,

- Each shape will fit perfectly inside of a sphere, all the points touching the edges of the sphere with no overlaps.

Similar to the two-dimensional cases involving the triangle, square, pentagon and hexagon inside the circle, the Platonic Solids are simply representations of waveforms in three dimensions. This point cannot be stressed strongly enough. Each tip or vertex of the Platonic Solids touches the surface of a sphere in an area where the vibrations have canceled out to form a node. Thus, what we are seeing is a three-dimensional geometric image of vibration / pulsation.

Both the students of Buckminster Fuller and his protégé Dr. Hans Jenny devised clever experiments that showed how the Platonic Solids would form within a vibrating / pulsating sphere. In the experiment conducted by Fuller's students, a spherical balloon was dipped in dye and pulsed with "pure" sound frequencies, known as the "Diatonic" sound ratios. A small number of evenly-distanced nodes would form across the surface of the sphere, as well as thin lines that connected them to each other. If you have four evenly spaced nodes, you will see a tetrahedron. Six evenly spaced nodes form an octahedron. Eight evenly spaced nodes form a cube. Twenty evenly spaced nodes form the dodecahedron, and twelve evenly spaced nodes form the icosahedron. The straight lines that we see on these geometric objects simply represent the stresses that are created by the "closest distance between two points" for each of the nodes as they distribute themselves across the entire surface of the sphere.



Figure 3.2 – Dr. Hans Jenny’s Platonic Solid formation in spherical vibrating fluid.

Dr. Hans Jenny conducted a similar experiment, a small part of which is pictured here in Figure 3.2, wherein a droplet of water contained a very fine suspension of light-colored particles, known as a “colloidal suspension.” When this roughly spherical droplet of particle-filled water was vibrated at various “Diatonic” musical frequencies, the Platonic Solids would appear inside, surrounded by elliptical curving lines that would connect their nodes together, as we see in the picture, where it is clear that there are two tetrahedrons in the central area. If the droplet were a perfect sphere instead of a flattened sphere, then the formations would be even more clearly visible.

3.3 PLATONIC SOLIDS AND “SYMMETRY” IN PHYSICS

The mystery and significance of the Platonic Solids has not been completely lost to modern science, as these forms fit all the necessary criteria for creating “symmetry” in physics in many different ways. For this reason, they are often seen in theories that deal with multi-dimensionality, where many “planes” need to intersect in symmetrical ways so that they can be rotated in a number of ways and always remain in the same positions relative to each other. These multi-dimensional theories include “group theory,” also known as “gauge theory,” which consistently features various Platonic models for “infolded” hyperdimensional space.

These same “modular functions” are considered to be the most advanced mathematical tools available for the study and understanding of “higher dimensions,” and the “Superstring” theory is entirely built off of them. In short, the Platonic Solids are already known to be the master key to unlock the world of “higher dimensions.” Remember that we have only briefly mentioned the above points, as they have been well-addressed in our previous volumes, and the key is symmetry. When we keep in mind the symmetrical quality of the Solids as we have indicated, Dr. Wolff’s words from

Chapter 5 entitled On the Importance of Living in Three Dimensions should make good sense to us:

Pg. 71 – As your advisor in exploration, I can tell you, “Whenever you see a situation of symmetry in a physical problem, stop and think! Because you will nearly always find an easier way to solve the problem by using the symmetry property.” This is one of the rewards of playing around with symmetry. The ideas are neat...

In mathematics and geometry, there is a need to be precise; so there symmetry is defined to mean that a function or a geometric figure remains the same, despite: 1) a rotation of coordinates, 2) movement along an axis, or 3) an interchange of variables.

In physical science, which is our main concern, the existence of a symmetry usually means that a law of Nature does not change, despite: 1) a rotation of coordinates in space, 2) movement along an axis through space, 3) changing the past into the future such that t becomes $-t$, 4) an interchange of two coordinates such as exchanging x with y , z with $-z$, etc. or, 5) the change of any given variable. [emphasis added]

The Platonic Solids have the greatest geometric symmetry of any shapes in existence, though Dr. Wolff does not call them by name here. In the next excerpt from Dr. Aspden, he refers to the Platonic Solid forms in the aether as “fluid crystals,” and explains how they can have an effect similar to a solid, even while they are appearing in a fluidlike medium:

...19th century physicists were puzzled by the aether because it exhibits some properties telling us it is a fluid and some telling us it is a solid. That was the perception from a time when little if anything was known about ‘fluid crystals’. The displays in many pocket calculators use electrical signals and rely on the properties of a substance that, like the aether, exhibits properties characteristic of both the liquid state and the solid state as a function of electric field disturbances. [emphasis added]

This gives us a “solid” explanation for why Tesla said that the aether “behaves as a liquid for matter, and as a solid for light and heat. The Platonic Solids actually do act as if they were structural frameworks within the aether, organizing the energy flows into specific patterns.

Hence, the Platonic Solids are the simple geometric forms of “crystallized music” that will naturally form themselves in the aether when it pulsates. Another important point to remember is that as the hierarchy of Platonic Solids “grow” into each other, the movement will always occur along spiral pathways, predominantly rooted in the classic “phi” ratio. Torsion waves have been seen to follow the “phi” pattern as well, which shall be more fully explored when we discuss the under-appreciated “pyramid power” phenomenon and the “cavity structural effect” pioneered by Dr. Victor Grebennikov in Chapter Seven.

3.4 MICROCLUSTER PHYSICS

Just as we were finishing up the first half of this book, a new associate alerted us to the burgeoning new field of “microcluster physics,” which changes our

entire view of the quantum world by presenting us with a whole new phase of matter that does not obey the conventionally accepted "rules." Microclusters are tiny "particles" that present clear and straightforward evidence that atoms are vortexes in the aether that naturally assemble into Platonic Solid formations by their vibration / pulsation. Furthermore, these new discoveries pose quite a challenge for those who still believe that there must be single electrons orbiting a nucleus instead of standing-wave electron clouds of aetheric energy that assemble into geometric patterns. The story of "microclusters" first broke into the mainstream world in the December 1989 issue of Scientific American, in an article by Michael A. Duncan and Dennis H. Rouvray:

Divide and subdivide a solid and the traits of its solidity fade away one by one, like the features of the Cheshire Cat, to be replaced by characteristics that are not those of liquids or gases. They belong instead to a new phase of matter, the micro cluster... They pose questions that lie at the heart of solid-state physics and chemistry, and the related field of material science. How small must an aggregate of particles become before the character of the substance they once formed is lost? How might the atoms reconfigure if freed from the influence of the matter that surrounds them? If the substance is a metal, how small must this cluster of atoms be to avoid the characteristic sharing of free electrons that underlies conductivity? [emphasis added]

Less than two years after this story broke in the mainstream, the science of microcluster physics was realized in its own graduate-school textbook authored by Satoru Sugano and Hiroyasu Koizumi. Microcluster Physics was published by the respectable, mainstream Springer-Verlag corporation as volume 21 in a series of texts in the field of materials science. All of the quotes from this text that we shall use are from its revised second edition, which was released in 1998. In Sugano and Koizumi's text, we are told that with the new discoveries of microclusters, we can now arrange groupings of atoms into four basic categories of size, each with different properties:

- Molecules: 1-10 atoms.
- Microclusters: 10-1000 atoms.
- Fine Particles: 1000-100,000 atoms.
- Bulk: 100,000+ atoms.

When we study the above list, we would initially expect that microclusters would have traits in common with molecules and with fine particles both, but in fact they have properties that neither display, as Sugano et al. explain here:

Microclusters consisting of 10 to 10^3 atoms exhibit neither the properties of the corresponding bulk nor those of the corresponding molecule of a few atoms. The microclusters may be considered to form a new phase of materials lying between macroscopic solids and microscopic particles such as atoms and molecules, showing both macroscopic and microscopic features. However, research into such a new phase has been left untouched until recent years by the development of the quantum theory of matter. [emphasis added]

As we continue reading, we learn that microclusters do not form randomly from any group of 10-1000 atoms; only certain "magic numbers" of atoms will gather together to form microclusters. The next quote describes how this was first discovered, and when we read it we should remember that the "mass

spectrum" being mentioned describes spectroscopy analysis, which we covered in the last chapter. When "cluster beams" are being discussed, this means that atoms (such as Na, or sodium) are being blasted through a tiny nozzle to form into a "beam" that is then analyzed. Most importantly, as the atoms blast out of the nozzle, some of them spontaneously gather into microclusters, which demonstrate anomalous properties:

The microscopic features of microclusters were first revealed by observing anomalies of the mass spectrum of a Na [sodium] cluster beam at specific sizes, called magic numbers. Then it was experimentally confirmed that the magic numbers come from the shell structure of valence electrons. Being stimulated by these epoch-making findings in metal microclusters and aided by progress of the experimental techniques producing relatively dense, non-interacting microclusters of various sizes in the form of microcluster beams, the research field of microclusters has developed rapidly in these 5 to 7 years [since the first 1991 edition of the book.] The progress is also due to the improvement of computers and computational techniques...

The field of microclusters is attracting the attention of many physicists and chemists (and even biologists!) working in both pure and applied research, as it is interesting not only from the fundamental point of view but also from the viewpoint of applications in electronics, catalysis, ion engineering, carbon-chemical engineering, photography and so on. At this stage of development, it is felt that an introductory book is required for beginners in this field, clarifying fundamental physical concepts important for the study of microclusters. This book is designed to satisfy such a requirement. It is based on series of lectures given to graduate students (mainly in physics) of the University of Tokyo, Kyoto University, Tokyo Metropolitan University, Tokyo Institute of Technology and Kyushu University in the period of 1987-1990. [emphasis added]

Our next quote comes from the first area in Sugano and Koizumi's book where specific details are given regarding the highly anomalous physical properties of microclusters. Though they are only slightly smaller than fine particles in terms of the number of atoms, they are much more stable. Here, the greater stability refers to the fact that microclusters burn at a much higher temperature than molecules or fine particles of the same elements. According to David Hudson, (whom we shall discuss later,) Russian scientists were the first to discover that microclusters must be burned for more than 200 seconds to reveal a color spectrum to be analyzed, whereas all other known molecular compounds burn up in a maximum of about 70 seconds:

When we arrive at the fragment called microcluster with a radius of the order of 10 angstroms by further dividing fine particles, we see that we have to use physics different from that for fine particles. The essential difference is derived from the theoretical postulate, partly supported by experiments, that microclusters of a given shape and size can, in principle, be extracted and their properties can be measured, even though this kind of measurement is impossible for fine particles. This postulate may be justified by considering the fact that clusters of a given regular shape are very stable as compared with those of the other shapes, the number of which is rather small. In contrast to this fact, fine particles of different shapes and a fixed size forming a big ensemble to allow a statistical treatment are nearly degenerate in energy. This makes impossible the extraction of fine particles of a given shape.

Clear-cut evidence has been obtained such that microclusters of alkali [1.8] and noble [1.9] metal elements in the form of a cluster beam have a nearly spherical shape at the size of the so-called magic numbers. A magic number means a specific size N [i.e. the number of atoms in the cluster] where anomalies of abundance in the mass spectra are found. This indicates that microclusters of those sizes are relatively stable as compared with those of neighboring sizes. [emphasis added]

The “nearly spherical” shapes that are described above will be seen in later quotes as the Platonic Solids and related geometries. Our next passage is probably too technical for most readers and can be skipped over, but it is a clear-cut description of how the “cluster beams” are being made and analyzed and what specific “magic numbers” of atoms emerged. Furthermore, we should note that the clusters that are formed become electrically neutral, which is another anomalous and unexpected result:

As an example, we show the mass spectrum of the Na cluster beam in Fig. 1.5. The beam is produced by the adiabatic expansion of a heated Na and Ar gas mixture through a nozzle. The Na clusters in the beam are photoionized, mass analyzed by a quadrupole mass analyzer, and finally detected by an ion-detection system. Detailed examinations of the experiment verify that the mass spectrum thus observed reflects that of [electrically] neutral clusters originally produced by the jet expansion. The anomalies of abundance of the size N , being 8, 20, 40, 58 and 93 (Fig. 1.5), are regarded as the magic numbers of neutral Na clusters. [emphasis added]

Now pay very close attention to the next sentence, as its significance can easily be missed:

In what follows, we shall show that these magic numbers are associated with the shell structure of valence electrons moving independently in a spherically symmetric effective potential... [emphasis added]

What this is telling us is that the hypothetical “electrons” are no longer bound to their individual atoms in microclusters, but rather move independently throughout the entire cluster itself! Remember that in our new quantum model, there are no electrons, only clouds of aetheric energy that are flowing in towards the nucleus via the Biefeld-Brown effect. In this case, the microcluster acts as one single atom, with the center of the cluster becoming akin to the positively-charged atomic nucleus where the negatively-charged energy is flowing in. Interestingly, in keeping with the fluidlike behaviors of the aether, the next passage suggests that the microclusters can have properties similar to a fluid as well as a solid:

[The symmetry of] metal microclusters seems to reveal that microclusters belong to the microscopic world like atoms and molecules, whereas fine particles belong to the macroscopic world. This is true in some aspects, but not so in every aspect. In Chap. 2 we shall discuss that, at finite internal temperatures, microclusters may reveal the liquid phase as encountered in the macroscopic world... [emphasis added]

The next excerpt comes from a completely different study by Besley et al., referenced at the end of this chapter, entitled Theoretical Study of the

Structures and Stabilities of Iron Clusters. Obviously, their work builds directly off of Sugano and Koizumi's textbook and the findings that went into its production. Here, the key is that Besley et al.'s research points to anomalous electrical and magnetic properties possessed by microclusters that are not seen either in molecules or in condensed matter:

Clusters are also of interest in their own right, since for small clusters there is the possibility of finite size effects leading to electronic, magnetic or other properties which are quite different from those of molecules or condensed matter. There has also been a considerable research effort into understanding the geometries, stabilities and reactivities of gas phase bare metal clusters from a theoretical viewpoint. [emphasis added]

And now, as we skip ahead to page 11 of Sugano et al.'s microcluster physics textbook, we come to section 1.3.1 entitled Fundamental Polyhedra. This is where the connection between microclusters and the geometry of Johnson's physics becomes readily apparent:

Recently, it has been discussed [1.12] that stable shapes of microclusters are given by Plato's five polyhedra; the tetrahedron, cube, octahedron, pentagonal dodecahedron, icosahedron, [i.e., the Platonic Solids]; and Keplers' two polyhedra of rhombic faces; the rhombic dodecahedron and rhombic triacontahedron...

It is very important to note that tetrahedra are not space-filling, as shown in Fig. 1.9, and icosahedra, trigonal decahedra and pentagonal dodecahedra with five-fold rotational symmetry are non-crystalline structures: they do not grow into the periodic structure of the bulk. If the polyhedron is a non-crystalline structure, then the microcluster has to undergo a phase transition to a crystalline structure on the way of growing into the bulk. [emphasis added]

For one who has studied sacred geometry for many years, it is amazing to consider that at a level far too tiny for the naked eye, atoms are grouping together into perfect Platonic Solid formations. It is also interesting to consider that some of these microclusters also have fluidlike qualities, allowing them to flow from one type of geometric structure into another. In their text, Sugano and Koizumi have assumed that certain polyhedra such as the icosahedron and dodecahedron are non-crystalline, and must therefore undergo a phase change before they could become a larger crystallized object. However, later in this chapter we will present hard, irrefutable evidence that the entire model of crystallography is flawed, and that under certain circumstances, formations very similar to microclusters can be formed at larger levels of size, from two or more atomic elements grouped together.

Importantly, as the reader thumbs through the rest of Sugano et al.'s textbook, scores of diagrams of atoms grouped into Platonic Solids are seen. We learn that the "magic number" groupings of atoms will, in every case, form into one of the geometric structures mentioned above. If we took a tetrahedron, for example, and constructed it out of a certain number of marbles that all had an equal width, then we would need an exact "magic" number of marbles to construct a tetrahedron of a given size. This is the same as Buckminster Fuller's model of "close-packed spheres," and in its simplest form is expressed by seeing that if you put three marbles together into a triangle and then place a fourth marble above it in the middle, you will see a

tetrahedron form.

Even more interestingly, on page 18 of the Microcluster Physics textbook, Sugano et al. have a photograph of a gold cluster consisting of “about 460” atoms, where we can clearly see the close-packed sphere structure of the atoms inside, forming unmistakable geometry. These images are taken by a scanning electron microscope at very high magnification, and the structure of the cuboctahedron geometry [Fig. 3.3, L] is clearly visible in a series of different angles. Interestingly, the cluster is seen to undergo different geometric changes from the cuboctahedron to other forms in its structure from image to image, again suggesting a fluidlike quality, and unseen “stresses” in the aether at work. Figure 3.3 is an artist-rendered diagram of how the “magic number” of 459 spherical atoms will pack together to form a cuboctahedron-shaped cluster, whereas 561 atoms will cluster into the form of an icosahedron.

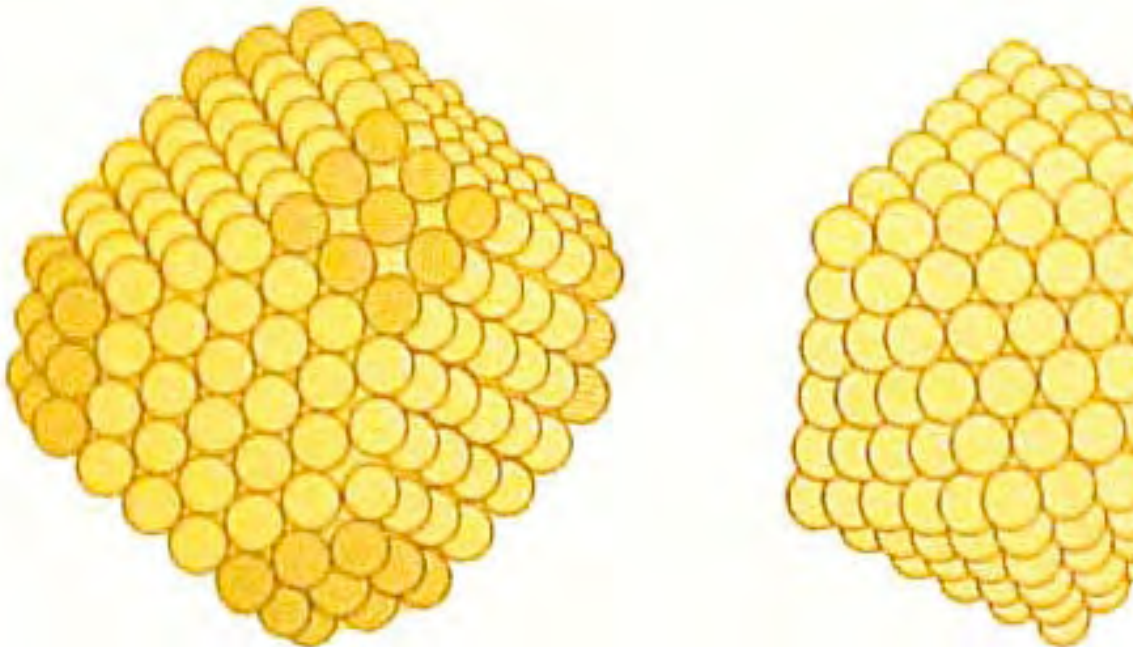


Figure 3.3 - Cuboctahedral cluster of 459 atoms (L) and Icosahedral cluster of 561 atoms (R)

Our next quote comes from section 3 of Besley et al.’s study, which discusses the “jellium” model and makes it very clear that the individual nature of the atoms in a microcluster is lost in favor of a group behavior. Again we will see the mentioning of magic numbers and of electrons moving through the entire structure instead of just through their parent atom; we also see the hypothesis that “geometric shells” of electrons are somehow formed in the microcluster.

For small clusters of simple metals, such as the alkali metals, mass spectroscopic studies have indicated the presence of preferred nuclearities or “magic numbers” corresponding to particularly intense peaks. These experiments led to the development of the (spherical) jellium model, wherein the actual cluster geometry (i.e. the nuclear coordinates) are unknown and unimportant (perhaps because the clusters are molten or rapidly fluxional)

and the cluster valence electrons are assumed to move in a spherically average central potential. The jellium model therefore explains cluster magic numbers in terms of the filling of cluster electronic shells, which are analogous to the electronic shells in atoms. For somewhat larger nuclearities ($N \sim 100$ -1500 [total atoms in the cluster,]) there are periodic oscillations in mass spectral peak intensities which have been attributed to the bunching together of electronic shells into supershells.

The observation of long period oscillations in the intensities of peaks in the mass spectra of very large metal clusters (with up to 10^5 atoms) has led to the conclusion that such clusters grow via the formation of 3-dimensional geometric shells of atoms and that for these nuclearities it is the filling of geometric rather than electronic shells that imparts extra cluster stability.

Certainly, the idea of "supershells" of electrons suggests a fluidlike blending together of atoms in the quantum realm. Again, it appears that the entire idea of electrons is flawed, since the next passage from Besley et al., tells us that the "jellium" model where "particle" electrons fill up into "geometric shells" does not work for what are known as transition metals. Since there can be no individual electrons at this point, Besley et al. hypothesize the existence of "explicit angular-dependent many-body forces." In short, a "fluid crystal" aetheric quantum model is essentially required to explain the force that create microclusters:

For transition metals there is no clear evidence that the jellium model holds, even for low nuclearities... we would hope that a model which introduces explicit angular-dependent many-body forces (as in the MM [Murrell-Mottram] model that we have adopted) will fare better at explaining cluster structure preferences.

As we think through the results of these microcluster studies, we must not forget that the Platonic Solids are very easily formed by vibrating a spherical area of fluid. It is quite surprising that the microcluster researchers do not appear to have noticed this connection. The prevailing view of quantum mechanics as a particle phenomenon has such a strong hold on the minds of scientific researchers that elaborate explanations involving "geometric shells" of electrons must be invoked. The key question that must be addressed is how and why this geometry would form – and the idea of a vibrating, fluidlike quantum medium is by far the simplest answer. A microcluster is simply a larger "aetheric atom" in a perfect geometric form.

3.5 DAVID HUDSON AND "ORMUS ELEMENTS" KNOWN ORMUS ELEMENTS

Element

Atomic Number

Cobalt

27

Nickel

28

Copper

29

Ruthenium

44

Rhodium

45	Palladium
46	Silver
47	Osmium
76	Iridium
77	Platinum
78	Gold
79	Mercury
80	

Table 3.1 – Known Metallic Microclusters or “Ormus” Elements in David Hudson’s patent.

Next, we introduce the work of David Hudson, who discovered a substance that turned out to contain microclusters in a goldmine on his property in the late 1970s. He spent several million dollars having these mysterious materials analyzed and tested in various ways, and in 1989 Hudson patented his microcluster discovery by naming them Orbitally Rearranged Monatomic Elements, or “ORMEs.” [The name is usually changed to “Ormus” or “M-state” elements when discussed online so as not to interfere with Hudson’s copyrights.] Hudson displays a broad knowledge of microcluster physics in his published lectures from the early 1990s, but his findings are more controversial than what we find in Sugano et al.’s textbook or other published mainstream sources. Hudson’s patent focuses on the microcluster structures he found in the following precious metal elements. (We should note here that Sugano and Koizumi have established that microclusters have been found in non-metallic elements as well.)

Hudson found that all of the above microcluster metals exist plentifully in sea water. Even more surprisingly, Hudson discovered that these elements in the microcluster state may be up to 10,000 times more abundant on Earth than in their common metallic state. Hudson’s research demonstrated that these metallic microclusters are found throughout many different biological systems, including many different plants, and that they form up to 5% of the material in a calf’s brain by weight. Furthermore, they act as room-temperature superconductors, have superfluid qualities and levitate in the presence of magnetic fields, since no magnetic energy is able to penetrate through their outer shells. Their physical qualities match the descriptions of various materials in alchemical traditions from China, India, Persia and Europe. Various people have volunteered to ingest gold microclusters or “monatomic gold,” and have reported experiencing the same psychic effects as the kundalini changes noted in the Vedic scriptures of ancient India.

Even more controversial are Hudson’s patented discoveries surrounding the heating of iridium microclusters. As the material is heated, its weight is seen to increase by 300 percent or more. Even more surprisingly, as microcluster iridium is heated to 850 degrees Celsius, the material disappears from physical view and loses all of its weight. However, when the temperature is

again reduced, the microcluster iridium will reappear and regain most of its former weight. In Hudson's patent, he has a chart that was generated by thermo-gravimetric analysis that shows this effect in action.

The idea of a material gaining weight, then spontaneously losing weight and disappearing from all physical view is no longer out of place when we combine Kozyrev's findings with Ginzburg's changes to conventional relativity equations and Mishin and Aspden's discoveries of multiple densities of aether. In the first chapter, Kozyrev showed how the heating or cooling of an object can affect its weight in subtle but measurable ways. We also saw that these weight increases and decreases occur in sudden "quantized" bursts, not in a smooth, flowing fashion. Dr. Vladimir Ginzburg suggested that an object's mass is converted into pure field as it approaches the speed of light, and Mishin and Aspden's data suggests that the mass is actually moving into a higher density of aetheric energy.

Thus, Hudson's observed and patented effects with microcluster iridium provide the first major proof in this volume for the idea that an object can be completely displaced into a higher density of aetheric energy. In the case of microcluster iridium, it would seem that the geometric structure of the microcluster allows for heat energy to be harnessed much more efficiently. This harnessing of the vibrations of heat then creates extreme resonance at a lower relative temperature, bringing the internal vibrations of the iridium past the speed of light. (These internal vibrations may already be relatively close to the speed of light before such added resonance is introduced, due to the speed at which aether flows through the atomic "vortex" of negative electron clouds and the positive nucleus.) Then, when the threshold point of light-speed is finally reached, the aetheric energy of the iridium is displaced into a higher density, thus causing it to disappear from measurable view. When the temperature is reduced, the iridium again displaces back down into our own density, since the pressure that was holding it in the higher density has now been eliminated.

3.6 ANOMALIES OF CRYSTAL FORMATION

Now that we have covered the anomalous area of microclusters, we are ready to tackle the more conventionally understood problems of crystal formation. Common table salt is a perfect example of how two different elements, sodium and chloride, can bond together and form a Platonic Solid geometry, in this case the cube. Two hydrogen atoms and one oxygen atom form together in the shape of a tetrahedron to create the water molecule, (which is not a crystal in the liquid state but has a tetrahedral molecule,) and fluorite crystals form the octahedron. Crystals that form with these properties will maintain the same orientation throughout themselves, and are symmetrical. A more technical description is that crystals are "solids which have flat surfaces (facets) that intersect at characteristic angles, and are ordered at a microscopic level." Our key question to remember here would be, "Why do spherical energy vortexes end up joining together in these characteristic geometric angles and patterns?" The answer, of course, shall be found in our understanding of the Platonic Solids as "harmonic" energy structures in the aether.

Glusker & Trueblood's classical definition for how crystals are formed is that they are produced by:

...a regularly repeating arrangement of atoms. Any crystal may be regarded as being built up by the continuing three-dimensional translational repetition of some basic structural pattern. [emphasis added]

The term "translation" means that we rotate a specific object by an exact number of degrees, such as 180, which would form a "two-fold" crystal since there are two such translations in a 360-degree circle. Thus, "translational repetition" means that the basic structural element (atom or molecular group of atoms) making up a crystal can be rotated again and again in the same way to form the repeated pattern. The technical term for such a regular arrangement of atoms is periodicity, which means that a crystal is made up of "some basic structural unit which repeats itself infinitely in all directions, filling up all of space" within itself. The same structure (atom or group of atoms) keeps repeating in the same, periodic way, hence the term periodicity.

In this classical theory of "periodic" crystal formation, each atom retains its original size and shape and does not affect any of the other atoms except for those it is directly bonded to.

It is important to realize that the model of periodicity worked very well in crystallography. Any type of crystal that had been discovered could be analyzed with this method, and the angles between all of the facets could be predicted based on simple geometric principles. Then in 1912, Max von Laue discovered a way to use X-rays to illuminate the inner structure of crystals, creating what is known as a "diffraction diagram." The diagram appears as an arrangement of single points of light on a black background. This led to a whole science of X-ray crystallography that was formalized by William H. and William L. Bragg, where the points of light are analyzed geometrically in relation to each other in order to determine what the structure of the true crystal actually is. For seventy years after this technology was developed, every diffraction diagram that had ever been observed by mainstream scientists fit the periodicity model perfectly, which led to the inevitable and apparently quite simple conclusion that all crystals were an arrangement of single atoms as structural units.

One of the periodicity model's most straightforward mathematical rules is that a crystal can only have 2-, 3-, 4-, and 6-fold rotations (translations.) In this model, if you have a crystal that is indeed made of single atoms or molecules in a repeating, periodic structure, the crystal cannot have a five-fold rotation or any rotation higher than 6. Atoms are "supposed" to retain their own individual point-like identities and not merge with other atoms into a larger whole. Nevertheless, in terms of pure geometry, the dodecahedron has 5-fold symmetry and the icosahedron has 5- and 10-fold symmetry. These Platonic Solids fit all the requirements for symmetry as outlined by Dr. Wolff earlier in this chapter, but you simply cannot pack single atoms together to make either of these shapes. So again, the dodecahedron and icosahedron have symmetry, but they do not have periodicity as crystal formations. Therefore, there was no provision in science to believe that either of these forms would appear as a molecular, crystalline structure – it was "impossible." Or so they thought...

Now enter the infamous Roswell crash. According to former Groom Lake / Area 51 employee Edgar Fouche, molecular structures were found on the

recovered hardware that did not fit the conventional model of crystalline periodicity. These became known as "quasi-crystals," short for "quasi-periodic crystals." Both the icosahedron and dodecahedron have appeared in these unique alloys. Similar to microclusters but on a larger level of size, these quasi-crystals were discovered to have many strange properties, such as extreme strength, extreme resistance to heat and being non-conductive to electricity, even if the metals involved in their creation would normally act as conductors! (This will be explained as we progress.) Unlike microclusters, which only appear to be able to be formed individually from "cluster beams", quasi-crystals can be grouped together into usable alloys. Fouche states the following on his website, with our added emphasis:

I've held positions within the USAF that required me to have Top Secret and 'Q' Clearances and Top Secret-Crypto access clearances...

In the mess hall at [the top-secret] Groom [Lake facility,] I heard words like Lorentz Forces, pulse detonation, cyclotron radiation, quantum flux transduction field generators, quasi-crystal energy lens and EPR quantum receivers. I was told that quasi-crystals were the key to a whole new field of propulsion and communication technologies.

To this day I'd be hard pressed to explain to you the unique electrical, optical and physical properties of quasi-crystals and why so much of the research is classified...

Fourteen years of quasi-crystal research has established the existence of a wealth of stable and meta-stable quasi-crystals with five-, eight-, ten- and twelve-fold symmetry, with strange structures [such as the dodecahedron and icosahedron] and interesting properties. New tools had to be developed for the study and description of these extraordinary materials.

I've discovered that the classified research has shown that quasi-crystals are promising candidates for high energy storage materials, metal matrix components, thermal barriers, exotic coatings, infrared sensors, high power laser applications and electro-magnetics. Some high strength alloys and surgical tools are already on the market. [Note: Wilcock was personally told in 1993 that Teflon and Kevlar are both reverse-engineered.]

One of the stories I was told more than once was that one of the crystal pairs used in the propulsion of the Roswell crash was a Hydrogen Crystal. Until recently, creating a Hydrogen crystal was beyond the reach of our scientific capabilities. That has now changed. In one Top Secret Black Program, under the DOE, a method to produce hydrogen crystals was discovered, [and] then manufacturing began in 1994.

The lattice of hydrogen quasi-crystals, and another material not named, formed the basis for the plasma shield propulsion of the Roswell craft and was an integral part of the bio-chemically engineered vehicle. A myriad of advanced crystallography undreamed of by scientists were discovered by the scientists and engineers who evaluated, analyzed and attempted to reverse engineer the technology presented with the Roswell vehicle and eight more vehicles which have crashed since then.

Arguably after 35 years of secret research on the Roswell hardware, those

who had recovered these technologies still had hundreds if not thousands of unanswered questions about what they had found, and it was deemed “safe” to quietly introduce “quasi-crystals” to the non-initiated scientific world. There are now literally thousands of different references to quasi-crystals on the Internet, completely separate from any mention of microclusters. (Not a single scientific study that we have been able to find online mentions both microclusters and quasi-crystals in the same document.) Many of the quasi-crystal references are from companies that are government contractors, and it is very easy to see that they are being studied with widespread intensity. However, they are almost never mentioned in the general media, even though they present such a unique challenge to our prevailing theories of quantum physics. The research goes on, but it is with a very subdued excitement.

Dan Schechtman was given the honor / duty of having “discovered” (or being allowed to re-discover) quasi-crystals on April 8, 1982 with an Aluminum-Manganese alloy (Al_6Mn) that began in a molten liquid state and was then cooled off very quickly. Crystals in the shape of an icosahedron were produced, as determined by the X-ray diffraction diagram that was seen, similar to the image below. Schechtman’s data was not even published until November 1984! In the image to the right of Figure 3.4, we can clearly see a number of pentagons, indicating the five-fold symmetry of the icosahedron:

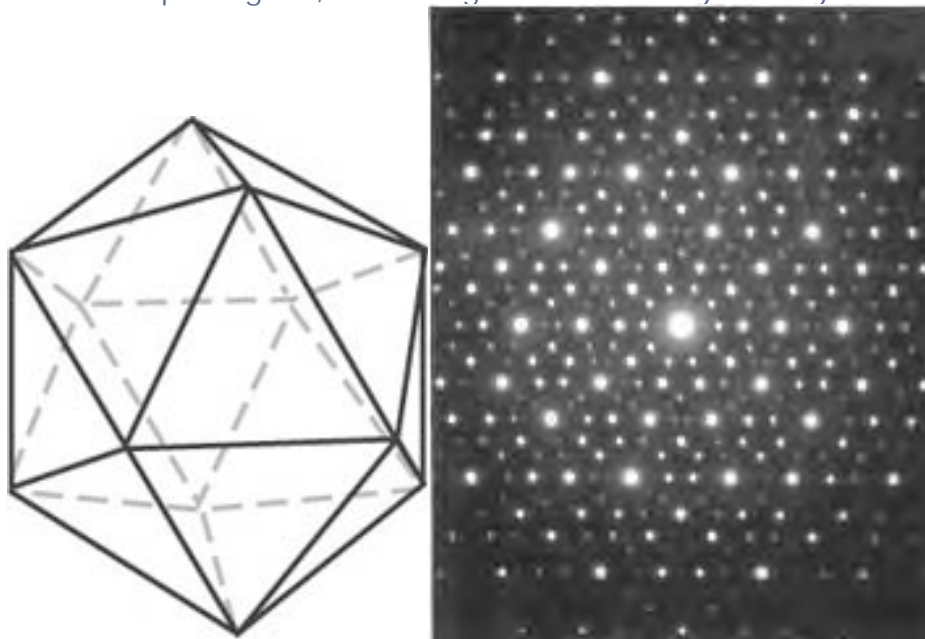


Figure 3.4 – The Icosahedron (L) and its X-ray diffraction diagram from a quasi-crystal formation (R).

As we said, with the advent of quasi-crystals, both the dodecahedron and icosahedron appear, along with other unusual geometric forms, completing the appearance of all five of the Platonic Solids in the molecular realm in some way. Both the dodecahedron and icosahedron possess elements of five-fold symmetry with their pentagonal structures. Figure 3.5, from An Pang Tsai of NRIM in Tsukuba, Japan, shows an Aluminum-Copper-Iron quasi-crystal alloy in the shape of a dodecahedron and an Aluminum-Nickel-Cobalt alloy in the shape of a decagonal (10-sided) prism:

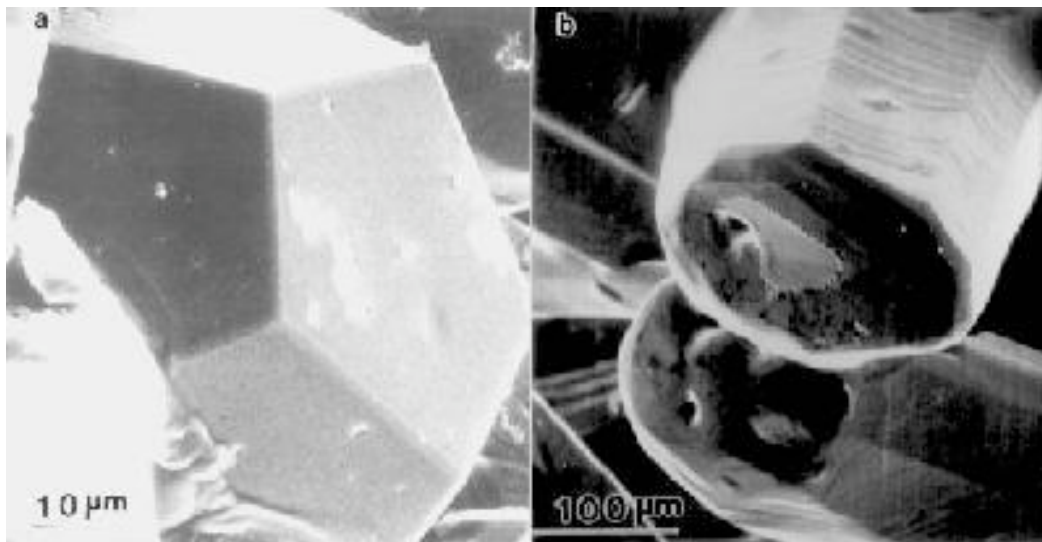


Figure 3.5 – Dodecahedral (L) and decagonal prism (R) quasi-crystals created by An Pang Tsai of NRIM.

The problem here is that you cannot create such crystals by using single atoms bound together, yet as we can see in the photographs, they are very real. The key problem for scientists, then, is how to explain and define the process by which these crystals are forming. According to A.L. Mackay, one of the ways to include five-fold symmetry in a crystallographic definition is "Abandonment of Atomicity:"

Fractal structures with five-fold axes everywhere require that atoms of finite size be abandoned. This is not a rational assumption to the crystallographers of the world, but the mathematicians are free to explore it. [emphasis added]

What this suggests is that similar to microclusters, quasi-crystals appear to not have individual atoms anymore, but rather that the atoms have merged into a unity throughout the entire crystal. While this may seem impossible for crystallographers to believe, it is actually among the simplest of A.L. Mackay's four potential solutions to the problem, as it involves simple three-dimensional geometry and correlates with our microcluster observations. Again, since the crystals are very real, the only major hurdle to cross is our fixation on the belief that atoms are made of particles.

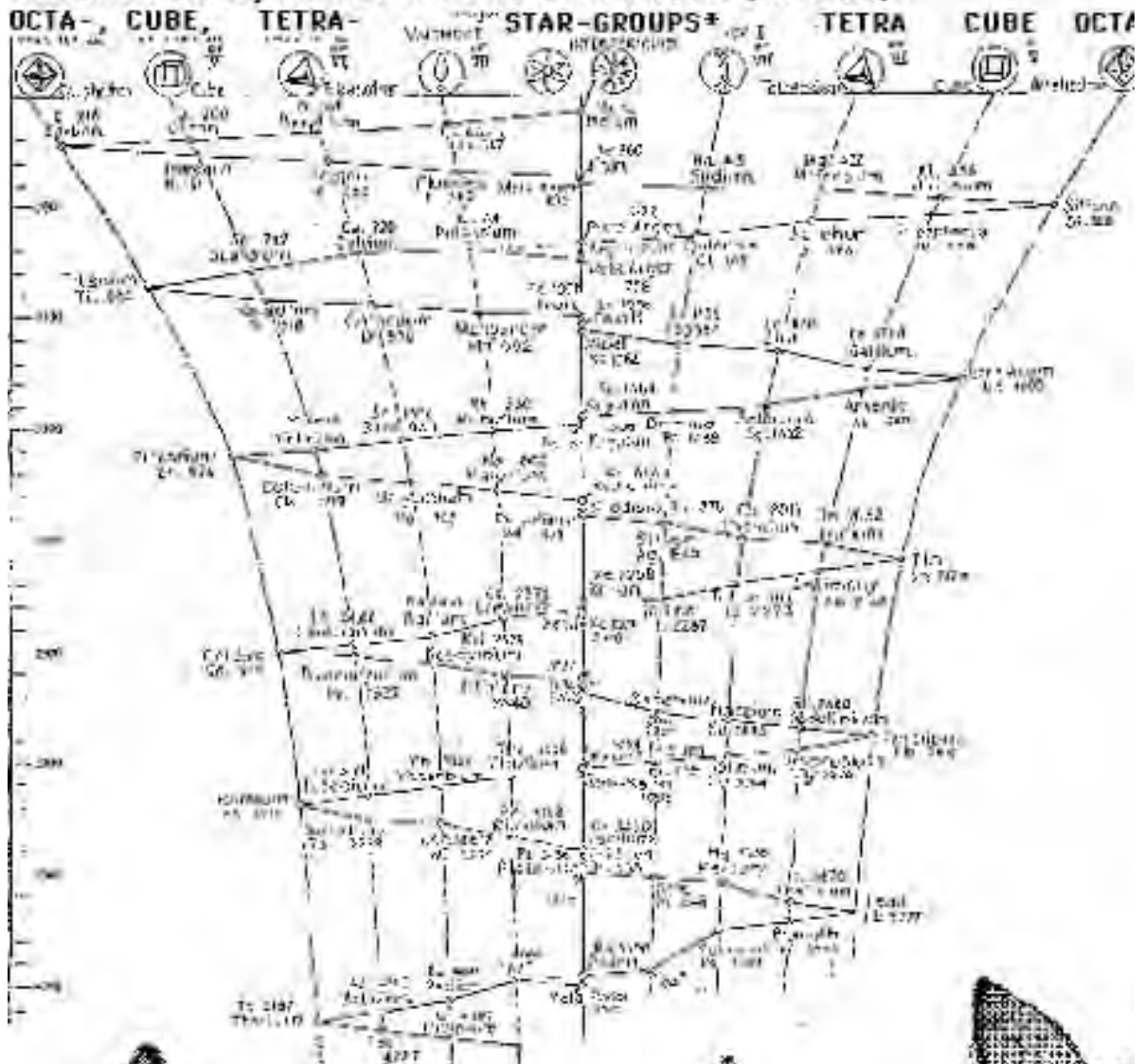
Another related example is seen with the Bose-Einstein Condensate, which was first theorized in 1925 by Albert Einstein and Satyendranath Bose, and was first demonstrated in a gas in 1995. In short, a Bose-Einstein Condensate is a large group of atoms that behaves as if it were one single "particle," with each constituent atom appearing to simultaneously occupy all of space and all of time throughout the entire structure. All the atoms are measured to vibrate at the exact same frequency and travel at the same speed, and all appear to be located in the same area of space. Rigorously, the various parts of the system act as a unified whole, losing all signs of individuality. It is this very property that is required for a "superconductor" to exist. (A superconductor is a substance that conducts electricity with no loss of current.)

Typically, the Bose-Einstein condensate is only able to be formed at extremely low temperatures. However, we seem to be observing a similar process occurring in microclusters and quasi-crystals, where there is no longer a

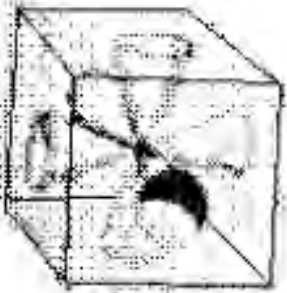
sense of individual atomic identity. Interestingly, yet another similar process is at work with laser light, known as “coherent” light. In the case of the laser, the entire light beam behaves as if it were one single “photon” in space and time – there is no way to differentiate individual photons in the laser beam. It is interesting to note that lasers, superconductors and quasi-crystals were all found in recovered ET technologies since the 1940s.

This obviously introduces a whole new world of quantum physics to the discussion table. In time, it appears that quasi-crystals and Bose-Einstein condensates will be much more widely used and understood as examples of how we had gone astray in our “particle”-based quantum thinking. Furthermore, British physicist Herbert Froehlich proposed in the late 1960’s that living systems frequently behave as Bose-Einstein condensates, suggesting a larger-scale order that is at work. We will discuss this in later chapters that will deal with aetheric biology.

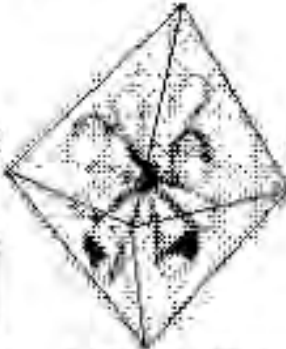
THE ATOMIC TABLE ACCORDING TO CROOKS, WHERE THE PLATONIC SHAPE NEST OF VORTEX CONES, DEFINED THE SYMMETRY GROUPS (VALENCY).



4 VORTEX CONES AS TETRAHEDRA



6 CONES-CUBE



8 CONES-OCTAHEDRA



STAR GROUP-5 MAKE AN ICOSA 5 CUBES (EACH MAKE DODECAH)

Figure 3.6 – Dan Winter’s reprint of Sir William Crookes’ geometric Table of the Elements.

Our next question concerns the “electron clouds” that have been seen in the

atom. Both Rod Johnson and Dan Winter have noted that the teardrop-shaped "electron clouds" in the atom will all fit perfectly together with the faces of the Platonic Solids. Winter refers to the electron clouds as "vortex cones," and Figure 3.6 is an unfortunately illegible copy of the Periodic Table of the Elements as originally devised by Sir William Crookes, a well-known and highly respected scientist from the early 20th century who later became an investigator into the field of parapsychology. At the bottom of the image, we see an illustration of how the "vortex cones" fit on each face of the Platonic Solids.

(It appears that a more legible copy of Figure 3.5 may exist in one of Winter's earlier books. Some of the element names can be made out when viewing the image at full size, and the others can be inferred by their position relative to the known Periodic Table of the Elements. The chart is obviously read from the top down, and the first element that is written out below the two circles in the center is Helium, and the line then moves to each successive element. The scale to the left is a series of degree measurements, beginning with 0 at the top line and counting by units of 10° for each line. The degree numbers written in on the scale are 50, 100, 150, 200, 250, 300, 350 and 400. This appears to indicate that Sir Crookes' theory involved set angular rotations or translations of the elements in terms of their geometry as we move from one element to the next. We can see that the wave is mostly straight, but at times there are "dips" in the line that appear to correspond to larger angular rotations that must be made.)

If we think back to what Dr. Aspden wrote about Platonic Solids in the aether, he stated that they act as "fluid crystals," meaning that they can behave as a solid and as a liquid at the same time. Thus, once we understand that electron clouds are all being positioned by invisible Platonic Solids, it becomes much easier to see how crystals are being formed and even how quasi-crystals could be made. There are "nests" of Platonic Solids in the atom, one solid for each major sphere in the "nest", just as there are "nests" of electron clouds at different levels of valence that all co-exist. The Platonic Solids form an energetic structure and framework that the aetheric energy must flow through as it rushes towards the low-pressure positive center of the atom. Thus, we see each face of the Solids acting as a funnel that the flowing energy must pass through, creating what Winter called "vortex cones."

With the necessary context in place, Johnson's concepts of Platonic symmetry within the structure of atoms and molecules in the next chapter should not seem as strange to us now as they would to most people. Given what we have seen with the comprehensive research that has gone on, especially with quasi-crystal engineering, it appears that this information is already in use by humanity in certain circles.

REFERENCES:

1

Aspden, Harold. Energy Science Tutorial #5. 1997.

2

Crane, Oliver et al. Central Oscillator and Space-Time Quanta Medium. Universal Expert Publishers, June 2000, English Edition. ISBN 3-9521259-2-X

3

Duncan, Michael A. and Rouvray, Dennis H. Microclusters. Scientific American Magazine, December 1989.

4

Fouche, Edgar. Secret Government Technology. Fouche Media Associates, Copyright 1998/99.

5

5. Hudson, David. (ORMUS Elements) URL:

6

6. Kooiman, John. TR-3B Antigravity Physics Explained. 2000.

7

7. Mishin, A.M. (Levels of aetheric density)

8

8. Winter, Dan. Braiding DNA: Is Emotion the Weaver? 1999.

9

9. Wolff, Milo. Exploring the Physics of the Unknown Universe. Technotran Press, Manhattan Beach, CA, 1990. ISBN 0-9627787-0-2.

CHAPTER 04: THE SEQUENTIAL PERSPECTIVE

CHAPTER 04: THE SEQUENTIAL PERSPECTIVE

We have indeed seen the evidence to suggest that the atom is an aether-vortex with spherical symmetry and a central axis, thus forming a spherical torus. The Biefeld-Brown effect proves that the grand solution to the mystery of "charge polarity" is that aetheric energy is flowing through the electron clouds into the nucleus. Dr. Ginzburg made a few simple and acceptable adjustments to relativity equations and produced a model that perfectly explains the behaviors of matter observed by Kozyrev in the laboratory, wherein it sheds energy and mass as it is accelerated towards the speed of light.

Through the conventional crystal molecule formations of the tetrahedron, cube and octahedron, and especially with the introduction of microclusters, icosahedral and dodecahedral quasi-crystals and the phenomenon of Bose-Einstein condensates, we now see the importance of Platonic Solids in the quantum realm. We can no longer deny that these forces exist, as we now have irrefutable physical evidence. These new findings also reveal that **we no longer need to think of atoms as individual units, but rather as harmonic aether vortexes that can merge together into greater levels of unity and coherence, such as in quasi-crystals.** And with this data in place, we now have a valid solution for all the "loose ends" of the puzzle by introducing the work of Rod Johnson.

4.1 BASICS OF JOHNSON'S "SEQUENTIAL PHYSICS"

What we ultimately see in Johnson's model is the following:

- There are no "hard" particles, only groupings of energy.
- Every quantum measurement can be explained geometrically, as a form of structured, intersecting energy fields.
- Atoms are actually counter-rotating energy forms in the shape of the Platonic Solids, specifically rooted in the counter-rotation of the octahedron and tetrahedron, each vibrational / pulsational shape corresponding to a different major density of aether.
- All levels of density or dimensions in the entire Universe are structured from these two primary levels of aether, which are continually interacting with each other.

Significantly, an increasing number of advanced theorists have already been striving towards a "particle mesh" model of physics, based on the Superstring theory, where all matter in the Universe is somehow an element of an interconnected geometric matrix. However, since conventional scientists have not yet visualized Platonic Solids that are nested within each other, sharing a common axis and capable of counter-rotating, they have missed the picture for the quantum realm.

Again, in this chapter we will try to keep things simple by presenting an overview of Johnson's model for "what's going on" in the quantum level first, and then discuss the scientific evidence to prove it afterwards. We begin our outline of the core principles of the model with a pencil-shaded illustration of the interlaced tetrahedron, which we created to show very clearly what it

looks like as a three-dimensional sculpture. It is important that we have a good visual image of this structure before we try to imagine an octahedron that fits inside of it. We can clearly see that there are two tetrahedrons in the image, one with the tip pointing upwards and another with the tip pointing downwards. Also remember that it fits perfectly inside a sphere:

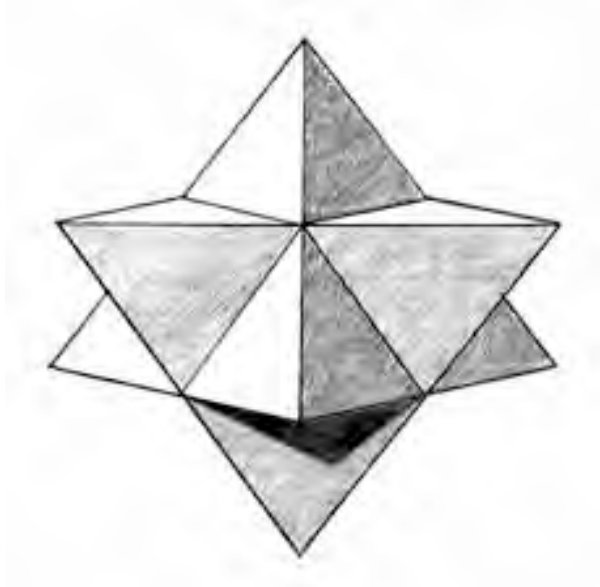


Figure 4.1 – The interlaced

tetrahedron.

With this structure in mind, consider the following points of the model:

- The tetrahedron and octahedron are counter-rotating within each other at the quantum level.
- Both have spherical symmetry around a shared center.
- The tetrahedron and octahedron represent two primary levels of aether density that must exist in the Universe, which we shall refer to as A1 and A2.
- The octahedral field fits perfectly in the center of the tetrahedral field, and is therefore smaller in diameter, as we can see in the next diagram:

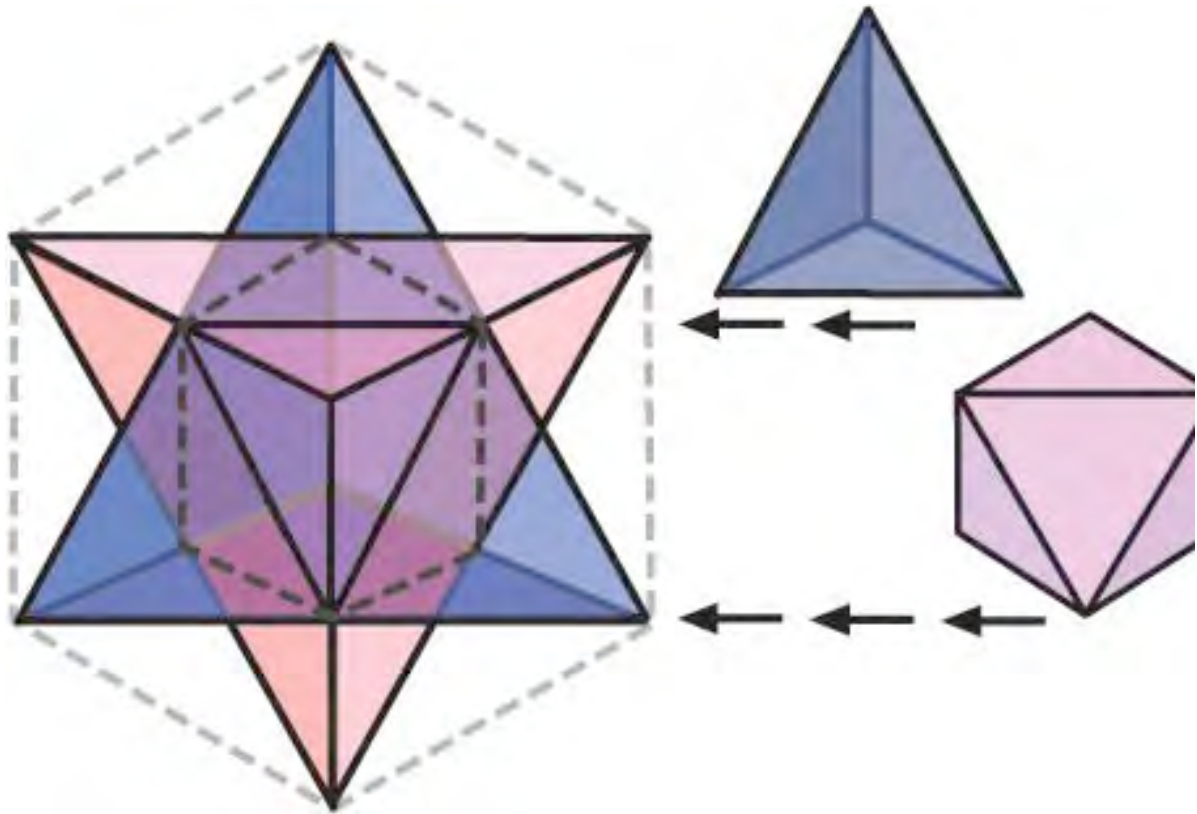


Figure 4.2 – The octahedron (R) and its fit inside the interlaced tetrahedron (L).

Figure 4.2 shows us the octahedron inside of the interlaced tetrahedron, which in turn is inside the cube. It is quite confusing at first to try to imagine the octahedron being a free agent that can counter-rotate inside the interlaced tetrahedron. Indeed, in this form, the two geometries are completely balanced and integrated. However, the most important part of Johnson's physics is to see that the octahedron is "detached," acting separately from the tetrahedral field, by rotating in the opposite direction. There are only eight possible "phase" positions that the two geometries can fit into before they again reach the harmony that we see above. In order to have a phase position, the two geometries must have some degree of direct contact with each other, such as line to line or point to point. This is graphically illustrated in the next "phase" diagram:

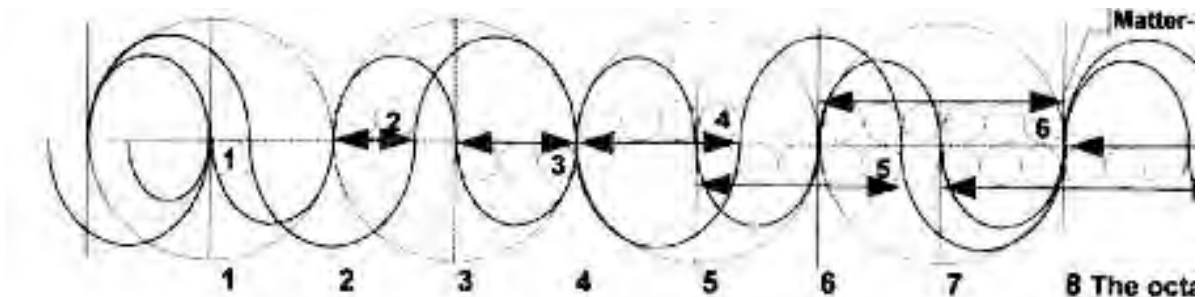


Figure 4.3 – The eight "phase positions" created by the counter-rotating octahedron and tetrahedron.

What we see in this diagram are two basic waves: the smaller wave that fits in each of the four main circles, representing the rotation of the octahedron, and the larger wave outside the main circle boundaries as the counter-rotation of

the tetrahedron. This diagram is by far the easiest way to show how and where the tetrahedron and octahedron will connect, and it is based on the science of “phase physics,” which was first pioneered by Kenneth Geddes Wilson as a means of mapping out large-scale geometric relationships as wave motions. Each of the eight “phase positions” represents a different element, and this is shown in the next figure:

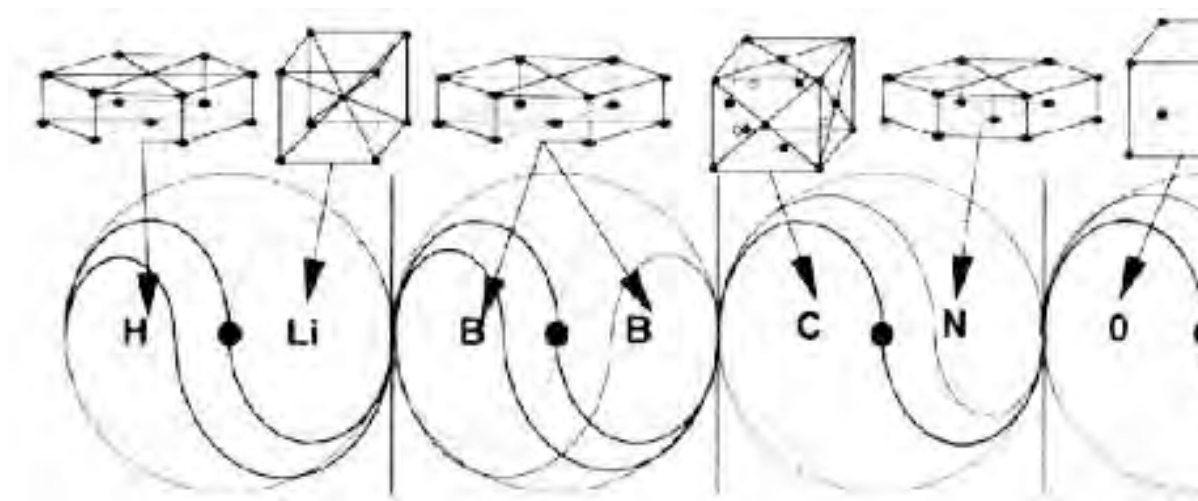


Figure 4.4 – The eight “phase positions” as they relate to basic crystal structures formed by the elements.

So, to continue:

- The tetrahedron and octahedron are both under high pressure – the tetrahedron is pushing in towards the octahedron, much as the negative electron clouds press in towards the nucleus.
- This pressure can only be released when either a node or line on one of the solids crosses a node or line on the other solid, opening up a gateway for the energy to flow.

The easiest way to visualize such a “gateway” opening would be if you cut out a hole in a piece of cardboard, and then turned on a hair dryer and held the nozzle flat against the cardboard, then sliding it towards the hole. Until the nozzle actually reached the hole, the air has nowhere to go, and the engine will quickly run hard and overheat; but once the nozzle reaches the hole, the air has somewhere to go and the pressure is released, with the engine then relaxing. Inside the atom, via the Biefeld-Brown effect, the pressure in the electron clouds is always trying to rush towards the nucleus, and unless the counter-rotating geometries connect, that pressure is blocked. In this sense, the lines and nodes in the geometric forms could be seen as the “holes” that are “popped” in the nested spherical fields, which will allow the in-streaming pressure to flow through.

This solves one “pressure” problem, but we must also remember the pressure that is created by the counter-rotating forces of the tetrahedron and octahedron. (These are the geometries that form in the “field bubbles” of what we shall now call aether 1 (A1) and aether 2 (A2) respectively. Ancient traditions often referred to A1 and A2 as “positive and negative force.”) Until the greatest number of “holes” have lined up between both geometries at the octave point of geometric balance, the full amount of outside pressure cannot flow towards the center. So, when the two forms “lock” together in valence

periods that are not at the "octave" point, the counter-rotation of A1 and A2 is not fully balanced, causing additional pressure and lack of symmetry. A1 and A2 will then remain "stuck" in that unbalanced position if they are undisturbed by outside energy.

Most of the elements on D. Mendeleev's Periodic Table of the Elements are "stuck" in this manner, and therefore unstable. In this case, all naturally-occurring, non-radioactive elements are organized from left to right on the table in groups of eight. They move from a position of instability and lack of symmetry on the left to a position greater crystalline symmetry and geometric balance on the right. In Johnson's model, it is only when we move to the Octave or eighth phase position of counter-rotation that the geometries again regain their perfect balance.

This can be visualized with the idea of sitting on a narrow stool. Obviously, the most comfortable sitting position is when your body is centered in the middle. Now simply picture trying to sit on the stool with eight different positions, starting out with only a small part of one of your legs contacting the stool. Each position will be uncomfortable, and you will not be truly in balance until you are sitting completely centered on the stool. Thus, atoms and molecules that are not in such a state of balance are considered as "unstable" and will easily bond with other unstable atoms and molecules that hold the missing energy, in order to create equilibrium.

4.2 'COVALENT' BONDING

The first form of bonding that can occur is known as covalent bonding. This name is used since the "valence bonds" of electron clouds are believed to be "shared" between the atoms in question. As we said, there are no true "electrons," and it is the completion of geometric symmetry between A1 and A2, the nested tetrahedron and octahedron, that forms this bond. All elements are simply different proportional mixtures of A1 and A2, the nested tetrahedron and octahedron locked in different positions relative to each other, in Johnson's model. The simplest example of this is that a single oxygen atom will naturally be attracted to two single hydrogen atoms to mutually blend into a water molecule, or H₂O. Not surprisingly, the water molecule is shaped in the form of a tetrahedron. In later chapters on biology we will see the interesting possibilities that arise as a result of this unique structure.

4.3 'IONIC' BONDING

The other option for basic bonding in chemistry is known as "ionic bonding." In this case, the bonding is created by a difference in charge polarity, where a negative attracts a positive. When an element has an unbalanced charge, it is known as an ion, hence the term ionic bonding. The simplest example would be with sodium chloride or salt, which can be written as Na⁺Cl⁻, and forms either a cube or octahedron. The pressure difference between the positive and negative ions is what attracts them together in this case. The chlorine atoms are 1.81 angstroms wide in the salt molecule, almost twice as large as the sodium atoms at 0.97 angstroms.

Ionic bonding can also occur when individual atoms of a particular element are attracted to each other and bond together two-by-two, thus creating

symmetry. The most basic example of this is a molecule of oxygen gas, written as O₂. The only way that early (al)chemists were able to find these core elements such as the single oxygen atom were by disrupting basic chemical compounds through processes such as burning, freezing, mixing with acids and bases, et cetera.

4.4 FREQUENCY EXPANSIONS AND CONTRACTIONS

So, returning to the main point, we have eight basic positions or phases in which the tetrahedron and octahedron can be located. However, any astute reader will have already seen that eight basic geometric positions are clearly not enough to form the entire Periodic Table; there must be some additional properties at work in order to produce the complete set of natural elements.

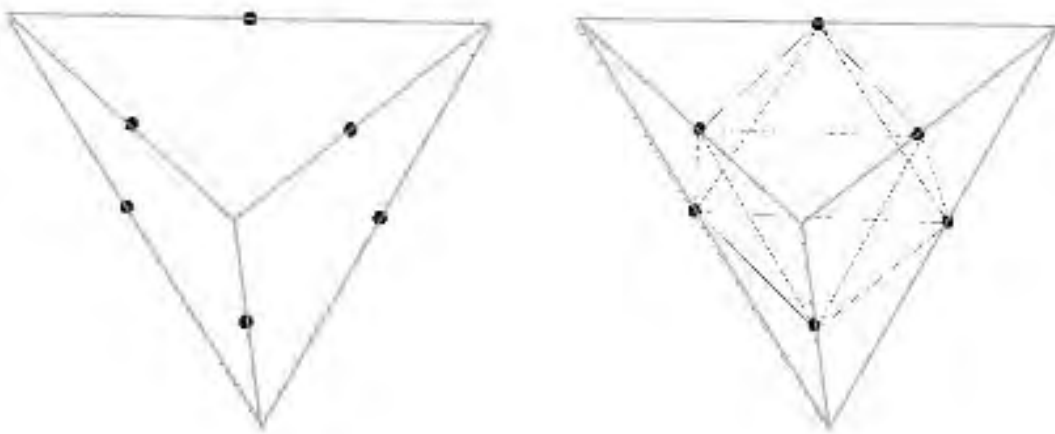


Figure 4.5 – Frequency contraction of tetrahedron (L) into octahedron (R).

Here is the key:

Both geometric forms are also capable of expanding and contracting from their centers.

This is referred to as a change in their frequency.

When they change frequency, they form different types of geometric solids.

These solids are not just Platonics, but can be other forms as well, such as the Archimedean solids – and they are all interrelated by the “parent” tetrahedron and octahedron formations.

As seen in Figure 4.5, contracting a geometric shape is as simple as bisecting each of its lines into two or more equal-sized lengths and then connecting the dots together. When we divide each line into two pieces, this is called a “second-frequency” division, whereas dividing each line into three pieces would be called a “third-frequency” division. Starting with the tetrahedron, Buckminster Fuller demonstrated that a total of ten different frequencies (geometric shapes) could be created by this process of frequency expansion or contraction – and this is a central aspect of Johnson’s findings. For

example, the “strong” force in the atomic nucleus is known to be exactly ten times more powerful than the “weak” force in the electron clouds! (This is usually written as the square root of 100, which is 10.) No other plausible explanation for this anomaly has ever been advanced. Here, the nucleus represents the point of the greatest “infolded” geometry at the highest frequency level of contraction.

So, what we need to do is to combine the eight basic phases of counter-rotating geometry with the various frequencies of geometry that can emerge from expansion and contraction. With this in mind, the entire Periodic Table can be rendered – and ultimately you can predict whether the element will be a solid, liquid or gas, and what its freezing, melting and vaporization points will be. Johnson directs interested thinkers to the work of James Carter, who was able to render the entire Periodic Table through diagrams of spiraling motion that he called “circlons.” Most interestingly, Carter’s “circlons” are spherical torus formations! Carter didn’t appear to know what the spiraling, curly, cyclical “rotations within rotations” were that he was diagramming between the circlons to show the various elements, simply that they had to exist by “absolute motion.” For a more complete description we invite the reader to peruse our detailed interview article and / or his website. In order to keep our thoughts simple for the purpose of this book, we will now simply point out some of the most obvious signs from quantum physics that Platonic geometries are indeed at work.

4.5 PLANCK’S CONSTANT AND THE ‘QUANTIZED’ NATURE OF LIGHT

Most of us already know that heat radiation and light are considered to be caused by the same thing – the passage of bursts of electromagnetic energy known as “photons.” However, before the year 1900, light and heat were not thought to move in discrete “photon” units, but rather in a smooth, flowing, unbroken fashion. Physicist Max Planck was the first to discover that light and heat would move in “pulses” or “packets” of energy at the tiniest level, calculated to be about 10^{-32} centimeters. (An atomic nucleus is actually the size of a planet in comparison!) Interestingly, if you have a faster oscillation, you get bigger packets, and if you have a smaller oscillation you get smaller packets. Planck discovered that this relationship between the speed of oscillation and the size of the packet will always remain constant, regardless of how you measure it. This constant relationship between oscillation speed and packet size is known as Wein’s Displacement Law. Rigorously, Planck discovered a single number that expressed this relationship, which is now known as “Planck’s Constant.”

A recent article by Caroline Hartmann in the December 2001 issue of 21st Century Science and Technology deals specifically with Max Planck’s findings, and reveals that the puzzle created by his discoveries remains unsolved:

Today we are indebted to the continuing research of scientists like the Curies, Lise Meitner and Otto Hahn for a deeper insight into atomic structure. But the fundamental questions: what causes the motion of the electrons, is that motion constrained by certain geometrical laws, and why certain elements are more stable than others, are still not clear, and await new pioneering hypotheses and ideas. [emphasis added]

We can already see the answer to Hartmann’s question emerging in this book.

As we had said, Planck's discoveries came about through the study of heat radiation. The introductory paragraph to Caroline Hartmann's article is a perfect description of what he accomplished:

One hundred years ago, on December 14, 1900, the physicist Max Planck (1858-1947) announced (in a speech before the Kaiser Wilhelm Society of Berlin) his discovery of a new formula for radiation, which could describe all the regularities observed when matter was heated and began to radiate heat of various colors. His new formula, however, rested on an important assumption: that the energy of this radiation is not continuous, but occurs only in packets of a certain size. The difficulty was in how to make the assumption behind this formula physically intelligible. For, what is meant by "energy packets," which are not even constant, but vary proportionally with the frequency of oscillation (Wein's Displacement Law)?

Hartmann continues a bit later on:

[Planck] knew that whenever you come upon an apparently insoluble problem in Nature, a higher, more complex lawfulness must lie behind it: or, in other words, there must be a different "geometry of the universe" than one had assumed before. Planck always insisted, for example, that the validity of Maxwell's equations had to be re-established, because physics had reached a point where the so-called "physical" laws were not universally valid. [emphasis added]

The core of Planck's work can be stated in a simple equation, which describes how radiating matter releases energy in "packets" or bursts. The equation is $E=h\nu$, where E equals the energy that you end up measuring, ν is the vibrating frequency of the radiation that releases the energy, and h is what is known as "Planck's Constant," which regulates the "flow" between ν and E.

Planck's constant is listed as a value of 6.626. It is a dimensionless constant, meaning that it simply expresses a pure ratio between two values, and does not need to be assigned any specific measurement category other than that. Planck did not magically discover this constant, but rather painstakingly derived it by studying heat radiation of many different sorts.

This is the first major mystery that Johnson clears up with his research. He reminds us that in order to measure Planck's constant, the Cartesian system of coordinates is used. This system is named after its founder, Rene Descartes, and all it means is that cubes are used to measure three-dimensional space. This is so commonly done that most scientists don't even consider it as anything unusual – just length, width and height in action. In experiments such as Planck's, a small cube was used to measure the energy that moved through that area of space. This cube was naturally assigned a volume of "one" (1) in Planck's measuring system, for the sake of simplicity. However, when Planck wrote his constant he didn't want it to be a decimal number, so he shifted the volume of the cube to 10. This made the constant 6.626 instead of 0.6626. What was truly important was the relationship between whatever was inside of the cube (6.626) and the cube itself (10.) Ultimately it did not matter whether you assigned the cube a value of one, ten or any other number, as the ratio would stay the same. Planck only discerned the constant nature of this ratio through rigorous experimentation over many years of time, as we said.

Now remember that depending on the size of the packet that is released, you will need to measure it with a different-sized cube. Yet, whatever is inside that cube will always have a ratio of 6.626 units to the cube's own volume of 10 units, regardless of the sizes involved. Right away we should notice something; the value of 6.626 is very close to 6.666, which is exactly 2/3rds of 10. So then we must ask, "What is so important about 2/3rds?"

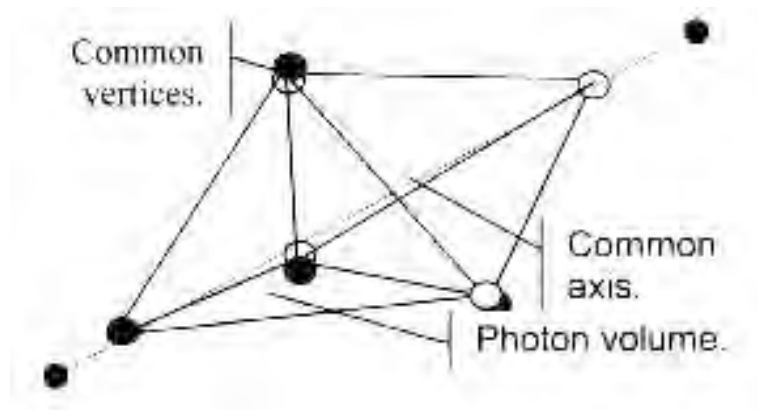


Figure 4.6 – Two

tetrahedrons joined at a common face to form the "photon" measured by Planck's constant.

Based on simple, measurable geometric principles explained by Fuller and others, we know that when we fit a tetrahedron perfectly inside of a sphere, it will fill exactly one-third of its total volume. The photon is actually composed of two tetrahedrons that are joined together, as we see in figure 4.6, and they then pass together through a cube that is only big enough to measure one of them at a time. The total amount of volume (energy) that moved through the cube will be two thirds (6.666) of the cube's total volume, to which Planck had assigned the number 10. Buckminster Fuller was the first to discover that the photon was indeed composed of two tetrahedrons joined in this way, and he announced it to the world at his Planet Planning address in 1969, after which time it was obviously forgotten.

The slight 0.040 difference between the "pure" 6.666 or 2/3rds ratio and Planck's constant of 6.626 is caused by the permittivity of vacuum space, which absorbs some of the energy involved. This "permittivity of the vacuum" can be precisely calculated by what is known as Coulomb's equation. To put it in simpler terms, the aetheric energy of the "physical vacuum" will absorb a small amount of whatever energy passes through it. This means that it will "permit" slightly less energy to pass through it than what was originally released. So, once we factor in Coulomb's equation, the numbers work perfectly. Furthermore, if we measure space using tetrahedral coordinates instead of cubical coordinates, then the need for Planck's equation $E=hv$ is removed, because the energy will now be measured to be the same on both sides of the equation – thus E (energy) will equal v (frequency) with no need for a "constant" between them.

The "pulses" of energy that were demonstrated by Planck's constant are known to quantum physicists as "photons." We normally think of "photons" as carriers of light, but that is only one of their functions. More importantly, when atoms absorb or release energy, the energy is transmitted in the form of "photons." Researchers such as Dr. Milo Wolff remind us that the only thing we

know for certain about the term "photon" is that it is an impulse that travels through the aether / zero-point energy field. Now, we can see that this information has a geometric component, which suggests that the atoms must have such geometry as well.

4.6 BELL'S THEOREM

Another recently discovered anomaly that shows us that there is geometry at the quantum level is Bell's Inequality Theorem. In this case, two photons are released in opposite directions. Each photon is emitted from a separate atomic state that has been excited. Both atomic states are composed of identical atoms, and both are also decaying at the same rate. This allows two "paired" photons with the same energy qualities to be released in opposite directions at the exact same time. Both photons are then passed through polarization filters such as mirrors, which should theoretically change their direction of travel. If you have one mirror at a 45-degree angle, then you would naturally expect the photon to make a different angular turn than another photon would make if it was reflected off of a mirror at a 30-degree angle.

However, when this experiment is actually carried out, the photons will make the exact same angular turns at the same time, regardless of the differences in the angle of the mirrors!

The degree of precision that has been brought to this experiment is staggering, as the next quote from pages 142 and 143 of Dr. Milo Wolff's book illustrates:

The most recent experiment by Aspect, Dalibard and Roger used acousto-optical switches at a frequency of 50 MHz which shifted the settings of the polarizers during the flight of the photons, to completely eliminate any possibility of local effects of one detector on the other...

Bell's Theorem and the experimental results imply that parts of the universe are connected in an intimate way (i.e. not obvious to us) and these connections are fundamental (quantum theory is fundamental.) How can we understand them? The problem has been analyzed in depth (Wheeler & Zurek 1983, d'Espagnat 1983, Herbert 1985, Stapp 1982, Bohm & Hiley 1984, Pagels 1982, and others) without resolution. Those authors tend to agree on the following description of the non-local connections:

- 1 They link events at separate locations without known fields or matter.
- 2 They do not diminish with distance: a million miles is the same as an inch.
- 3 They appear to act with speed greater than light.

Clearly, within the framework of science, this is a perplexing phenomenon.

What Bell's Theorem is showing us is that the energetically-paired "photons" are actually joined together by a single geometric force, such as the tetrahedron, which continues expanding into a larger size as the photons move apart. The photons will continue to maintain the same angular phase position relative to each other as the geometry that is between them expands.

4.7 THE ELECTROMAGNETIC WAVE

Our next point of investigation is the electromagnetic wave itself, since

Einstein determined that matter is made from electromagnetic energy. As most of us are aware, the electromagnetic wave has two components – the electrostatic wave and the magnetic wave, which move together. Interestingly, the two waves are always perpendicular to each other. To visualize what is going on here, Johnson asks us to take two pencils of equal length and hold them perpendicularly to each other, also using the basic length of the pencil for the distance that separates them:

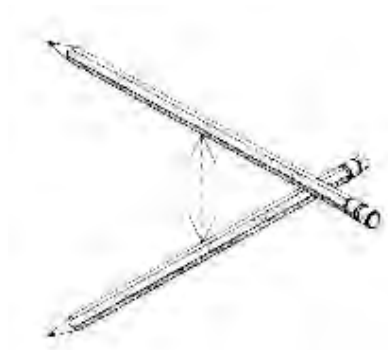


Figure 4.7 – Two pencils at 90-degree angles from each other, held equidistantly apart.

Now we can connect each tip of the top pencil to each tip on the bottom pencil. When we do this, we will form a four-sided object made of equilateral triangles between the two pencils – we will have a tetrahedron. We can work the same process with the electromagnetic wave, by having the total height of the electrostatic or magnetic wave (which both have the same height or amplitude) as our basic length, which was shown in figure 4.7 as pencils. Here in figure 4.8, we can see how the electromagnetic wave is actually tracing itself over a “hidden” (potential) tetrahedron when we connect the lines together using this same process:

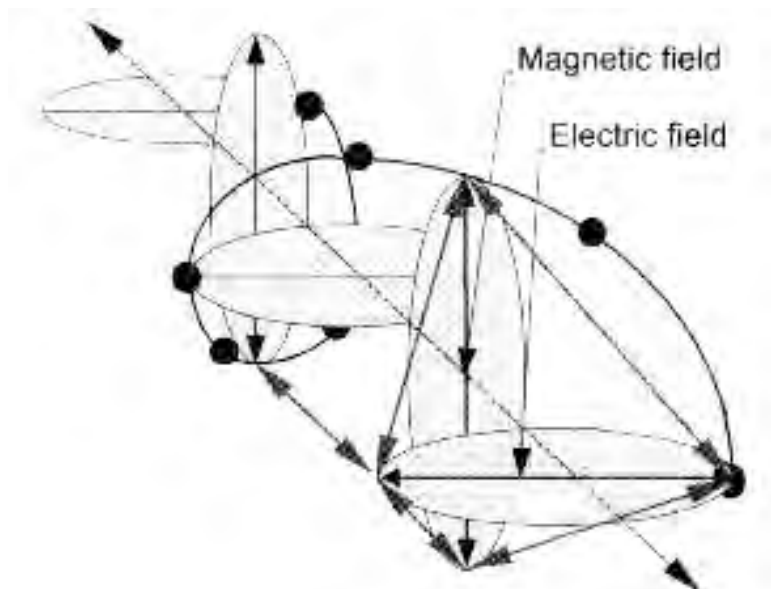


Figure 4.8 – The hidden tetrahedral relationship in the electromagnetic wave.

It is important to mention here that this mystery has been continually discovered by various thinkers, only to be forgotten to science once more.

The work of Lt. Col. Tom Bearden has rigorously shown that James Clerk Maxwell knew it was there when he wrote his complex "quaternion" equations, but Oliver Heaviside later distorted the model down to four simple quaternions and ruined the hidden tetrahedral "potential" inside. This hidden tetrahedron was also seen by Walter Russell, and later by Buckminster Fuller. Johnson was not aware of any of these previous breakthroughs when he first discovered it himself.

4.7 GELL-MANN'S "EIGHTFOLD WAY"

The next enigma comes to us when we study the subatomic "particles" known as quarks. When an atomic structure was suddenly shattered, brief tracks would emerge that would fly away from the normal spiraling "particle" path in a bubble chamber, and they were named "quarks." These "quarks" would disappear very quickly after they were first released. The geometry of their movements was carefully analyzed, since the only thing you can truly detect in a vapor-trail analysis is different geometric forms of movement. Many different forms of "quarks" were discovered, each with different geometric properties, misleadingly called such things as "color," "charm" and "strangeness." Murray Gell-Mann was the first to discover a unified model that showed how all these different geometric properties were interrelated, and he called it the "Eightfold Way." Remarkably, the unified geometric structure that we see is a tetrahedron:

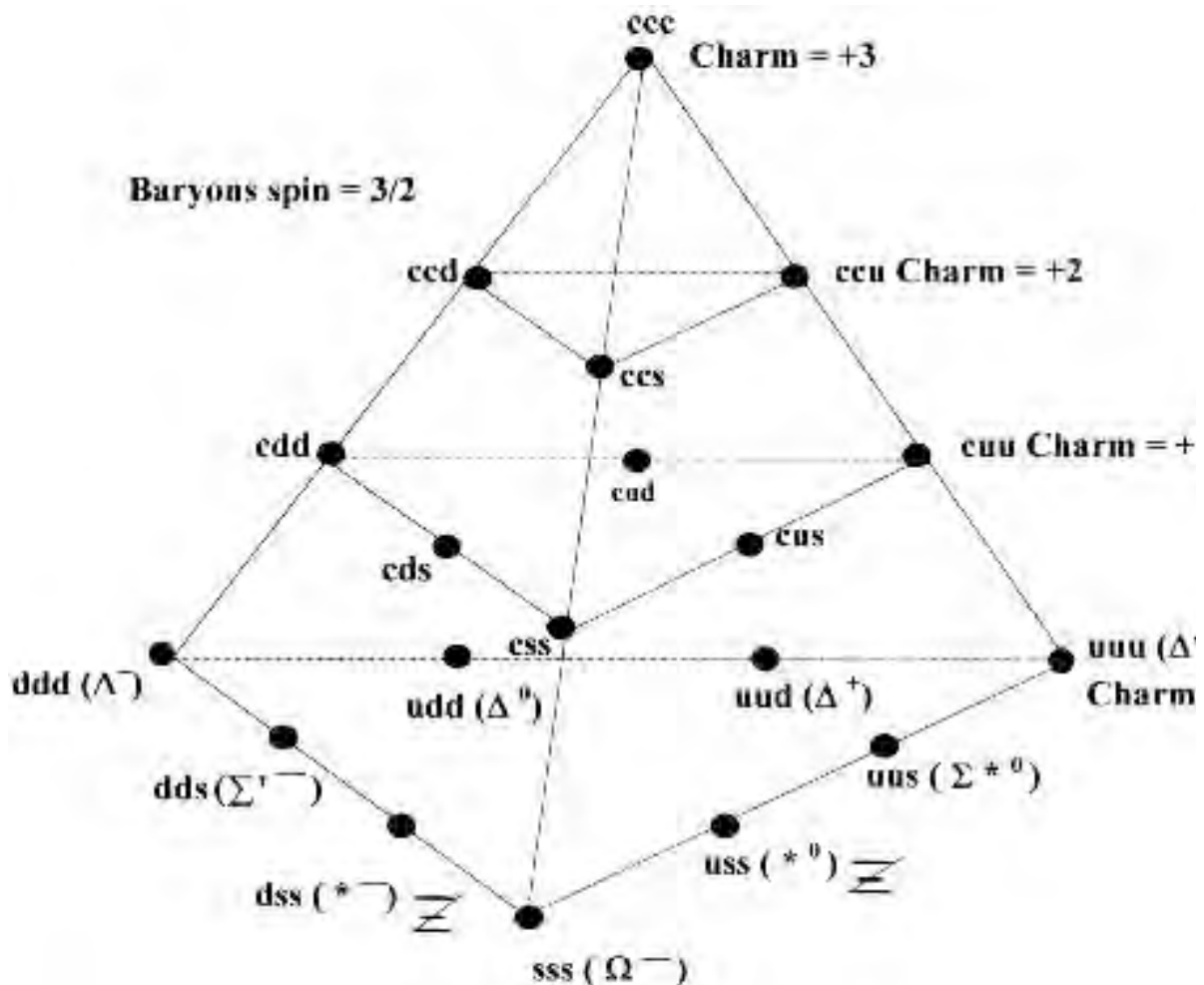


Figure 4.9 – The tetrahedron as seen in Gell-Mann's "Eightfold Way"

organization of "quarks."

So what exactly are we seeing here? Each dot is obviously a different "quark." Johnson tells us that "quarks" are released when the aetheric energy flow of the tetrahedron inside the atom is suddenly shattered. For a brief moment of time, the shattered energy fragments that are released will continue to flow with the same rotational / geometric properties as they had when they were bound in the atom, but they will very quickly dissolve back into the aether afterwards. One wouldn't necessarily see all of the different "quarks" just by shattering one atom, since the angle at which the atom is shattered determines what part of its inner geometric Unity will be released. This is why the quarks had to be painstakingly studied separately. Even more interestingly, other "infolded" geometric frequencies such as the cuboctahedron are in Gell-Mann's model as well; this tetrahedron is just one of three different hierarchies that he discovered.

Again, the mainstream scientific world sees Gell-Mann's Eightfold Way as nothing more than a convenient geometric organization, but with no further meaning than that. In this next excerpt, Dr. Milo Wolff alludes to the fact that the geometry might be the solution to understanding the structure of the "nuclear space resonances" in the quantum realm, from page 198 of his book:

Another interesting problem with a valuable result is to see if a way can be found to match up nuclear space resonances with the group-theory explanation of the nuclear particle zoo. One of the names of that theory is the Eight-fold way discovered by Gell-mann and Ne'eman in 1960. It cleverly uses geometric groupings of the various particles to determine their parameters: spin, parity, isotope number and strangeness number. The group theory has not yet revealed a physical structure such as space resonances. If there is a relation it is logical to expect that the solutions of the SR wave equation would have orthogonal properties that match the Eight-fold way. It is an exciting prospect to attempt.

Interestingly, just as we were finishing this portion of the book, we were contacted by [Dr. R.B. Duncan](#), who has a quite detailed and meticulous work published online that explains the structure of the atom based on the geometry of group theory that Wolff was mentioning above. [Duncan had worked on this problem for thirty years of his life before publishing a solution!](#)

4.8 THE ENIGMAS OF "SPIN" AND TORSION EXPLAINED

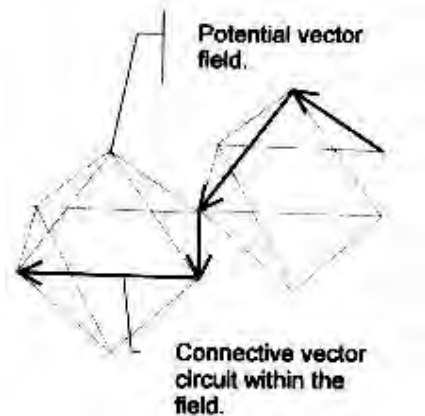


Figure 4.10 – 180-degree spin angles of “electrons” caused by impulses moving over octahedral energy forms.

The next piece of evidence that we need to consider is spin. Physicists have known for many years now that energy particles “spin” as they travel. For example, “electrons” appear to be continually making sharp 180-degree turns or “half spins” as they move through the atom. “Quarks” are often seen to make “one thirds” and “two thirds” spins when they travel, which allowed Gell-Mann to organize their movements into the tetrahedron and other geometries. No one in the mainstream has provided a truly adequate explanation for why this is happening.

Johnson’s model shows that the 180-degree “spin” of the electron clouds is being caused by the movement of the octahedron, as seen above in Figure 4.10. It is important that we realize that the 180 degree movement actually comes from two 90-degree turns for each octahedron. The octahedron must “flip over backwards,” i.e. 180 degrees, to remain in the same position in the matrix of geometry that surrounds it. The tetrahedron must make either 120-degree (1/3 spin) or 240-degree (2/3 spin) rotations in order to have the same position. This will be explained more simply in section 4.9 just below here. (Other aether theorists such as Wolff, Crane, Ginzburg and Krasnoholovets have their own fluid-flow-based explanations for the phenomenon of half-spin.)

The enigma of the spiraling movement of torsion waves is also explained by this same process. No matter where you are in the Universe, even in “vacuum space,” the aether will always be pulsating in these geometric forms, forming a matrix. Therefore, any impulse of momentum that travels through that aether will have to trace a path across the faces of these geometric “fluid crystals” in the aether. Thus, the spiraling movement of the torsion wave is caused by the simple geometry that it must pass through as it travels.

4.9 THE FINE-STRUCTURE CONSTANT

Though we have worked hard to make this section simple, the fine structure constant is a more difficult problem to visualize; so if this section becomes too difficult to read, you can just skip ahead to the summary in section 4.10 without losing any of the major “thread” of this book. We have included this section for those who wish to see just how far the “matrix” model goes. The fine structure constant is another aspect of quantum physics that few

mainstream people have ever even heard of, probably since it is a totally unexplained embarrassment to the scientific mainstream that clings to particle-based models.

Picture now that an electron cloud is like a flexible rubber ball, and each time a "photon" of energy is absorbed or released, (known as coupling,) the cloud stretches and flexes as if it had bounced. The electron cloud will always be "bumped" in a fixed, exact proportional relationship to the size of the photon. This means that if you have larger photons you will get larger "bumps" on the electron cloud, and smaller photons create smaller "bumps" on the electron cloud. This relationship remains constant, regardless of size. The fine-structure constant is another "dimensionless" number like Planck's constant, meaning that we will get the same proportion regardless of how we measure it.

This constant has been continuously studied by spectroscopy analysis, and the highly revered physicist [Richard P. Feynman](#) explained the mystery in his book [The Strange Theory of Light and Matter](#). (We should again remember here that the word "coupling" simply means the joining together or separation of a photon and an electron:)

There is a most profound and beautiful question associated with the observed coupling constant e – the amplitude for a real electron to emit or absorb a real photon. It is a simple number that has been experimentally determined to be close to 0.08542455. My physicist friends won't recognize this number, because they like to remember it as the inverse of its square: about 137.03597 with an uncertainty of about two in the last decimal place. It has been a mystery ever since it was discovered more than fifty years ago, and all good theoretical physicists put this number up on their wall and worry about it.

Immediately you would like to know where this number for a coupling comes from: is it related to pi or perhaps to the base of natural logarithms? Nobody knows, it is one of the greatest damn mysteries of physics: a magic number that comes to us with no understanding by man. You might say that the "hand of God" wrote that number, and "we don't know how He pushed His pencil." We know what kind of a dance to do experimentally to measure this number very accurately, but we don't know what kind of a dance to do on a computer to make this number come out – without putting it in secretly. [emphasis added]

In Johnson's model, the problem of the fine-structure constant has a very simple, academic solution. As we said, the photon travels along as two tetrahedrons that are paired together, and the electrostatic force inside the atom is maintained by the octahedron. By simply comparing the volumes between the tetrahedron and octahedron when they collide, we get the fine structure constant. All we do is divide the tetrahedron's volume when it is surrounded (circumscribed) by a sphere into the octahedron's volume when it is surrounded by a sphere, and we will get the fine-structure constant as the difference between them. In order to show how this is done, some additional explanation is required.

The phase-wave diagrams that we saw earlier in this chapter (figs. 4.3 and 4.4) showed us the angular relationships between the octahedron and

tetrahedron. Since a tetrahedron is entirely triangular no matter how it is rotated, the three tips on any of its faces will divide a circle up into three equal pieces of 120 degrees each. Therefore, you only need to rotate the tetrahedron by 120 degrees in order to bring it back into balance with the matrix of geometry that surrounds it, so that it is in the same position as it was before. This is easy to see if you visualize a car with triangular wheels, and you wanted to move it forward just enough that the wheels would look the same again. Each of the triangular wheels would have to turn 120 degrees to do this.

Now in the case of the octahedron, it must always be turned "upside down" or 180 degrees in order to regain its balance. If you want to see this with the car analogy, then the wheels would need to be in the classic "diamond" shape that you see on a deck of cards. In order to get the diamond to look exactly the same as when you started, you have to flip it upside down, by 180 degrees. This next quote from Johnson explains the fine-structure constant based on this information:

[When you] see the static electric field as the octahedron and the dynamic magnetic field as the tetrahedron, then the geometric relationship [between them] is 180 to 120. If you see them as spheres defined by radian volumes, then simply divide them into each other and you have the fine structure constant.

A "radian volume" simply means that you calculate the volume of an object from its radius, which is half of the width of the object. (For those who wish to test the math out themselves, simply take the sine of 180 degrees and divide it by the sine of 120 degrees, then run that number through Coulomb's equation to account for the slight loss of energy that happens when a pulsation is moving through the aether.) When this simple process of dividing the two "radian volumes" into each other is performed, the fine-structure constant will be the result.

Interestingly, while Johnson has shown that the fine-structure constant can be seen as the relationship between the octahedron and tetrahedron as energy moves from one to the other, Jerry Iuliano discovered that it can also be seen in the "leftover" energy that is produced when we collapse a sphere into a cube, or expand a cube into a sphere! These expanding or collapsing changes between the two objects are known as "tiling," and Iuliano's calculations were not very difficult to perform; it was simply that no one had thought to try it before. In Iuliano's calculations, the volume of the two objects does not change; both the cube and the sphere have a volume that he set at 8π times π squared. When we tile them into each other, the only difference between the cube and sphere is in the amount of surface area. The extra surface area between the two is precisely equal to the fine-structure constant.

Immediately the reader should ask, "How can the fine structure constant be a relationship between the octahedron and tetrahedron and also be a relationship between the cube and the sphere at the same time?" This is another aspect of the magic of "symmetry" in action, where we see that different geometric forms can have similar properties, since they all nest inside of each other with perfect harmonic relationships. Both Johnson and Iuliano's perspectives show us that we are dealing with a geometrically structured aetheric energy at work in the atom.

It is also important to remember that what Juliano's finding shows us is the classic geometry of the "squared circle." This has long been a central element in the esoteric traditions of "sacred geometry," as it was believed to show the balance between the physical world, represented by the square or cube, and the spiritual world, represented by the circle or sphere. Now we can see that this was yet another example of "hidden knowledge" that was encoded in a metaphor, so that eventually people in our time would regain the true understanding of the secret science behind it. They knew that once we discovered the fine-structure constant, we probably would not understand what we had observed, so this ancient knowledge was left behind to show us the key.

4.10 A UNIFIED MODEL

Now, with the data that we have seen from Johnson's physics and its realization in the science of microclusters, quasi-crystals and Bose-Einstein condensates, we do indeed have a unified quantum model. Our presentation of Johnson's physics has been designed to be as simplified and streamlined as possible, so anyone who would attempt to challenge the model scientifically would be required to read more about it in order to truly grasp its many nuances. Yet, for those who have an open mind, the data that we have presented here is more than enough to prove the point. The key is that sacred geometry has always existed in the quantum realm; it just remained undiscovered amongst the various anomalies of quantum physics that had remained unexplained until this time, as the mainstream continues to be shackled to outmoded "particle" models.

In this new model, we no longer have to restrain atoms to a certain size; they are capable of expanding and maintaining the same properties. Once we fully understand what is going on in the quantum realm, we can design materials that are extremely hard and extremely light, since we are now aware of the exact geometric arrangements that will cause them to bond together most effectively. We remember that pieces of wreckage from the Roswell Crash were said to be unbelievably lightweight, yet they were so strong that they could not be cut, burned or damaged in any way. This is the type of material that we will be able to build once we fully understand the new quantum physics.

We remember that quasi-crystals are very good at storing heat, and also that they often do not conduct electricity, even if the metals involved are normally good conductors. Similarly, microclusters do not allow magnetic fields to penetrate inside the clusters themselves. What Johnson's physics tells us is that such a geometrically perfect structure has perfect bonding all the way through, and thus no thermal or electromagnetic energy can pass through it. The geometry is so compact and precise inside that there is literally no "room" for a current to move through the molecules.

Now that we have a relatively complete aetheric model for quantum physics, we are ready to move forward and show how such geometric forces continue to have their influences on larger scales of size, namely in the formations known as the Global Grid. Much of this material is a review from previous volumes, but it is nevertheless important that we cover it once more. After we establish this crucial link between the geometry of the quantum and the

geometry of the macro, effectively proving the existence and importance of these new theories, we will move on to delineate an entirely new model of the Cosmos that is based on all of the principles that we have discussed up until this point. Chapter Six will focus primarily on explaining this new cosmological model, whereas Chapter Seven will present more specific, observable information that shows the new model in action.

REFERENCES:

- 1 Besley, N.A., Johnston, R.L., Stace, A.J. and Uppenbrink, J. *Theoretical Study of the Structures and Stabilities of Iron Clusters*. School of Chemistry and Molecular Sciences, University of Sussex, Falmer, Brighton, BN1 9QJ, United Kingdom.
- 2 Carter, Barry. *ORMUS and Consciousness*. YGGDRASIL: The Journal of Paraphysics. 1999.
- 3 Carter, James. *Theory of Absolute Motion*.
- 4 Feynman, Richard P. *The Strange Theory of Light and Matter*.
- 5 Fuller, Buckminster. *Planet Planning*. 1969.
- 6 Gell-Mann, Murray. *The Eight-fold Way*. 1960.
- 7 Hartmann, Caroline. *Max Planck's Unanswered Challenge*. 21st Century Science and Technology Magazine, Vol. 14, No. 2, Summer 2001.
- 8 Johnson, Rod and Wilcock, David. *Conversations on Sequential Physics*. 2001.
- 9 Mehrtens, Michael. *Definition of Microclusters*.

10

Sugano, Satoru and Koizumi, Hiroyasu. *Microcluster Physics: Second Edition*. Springer-Verlag, Berlin Heidelberg New York, 1998. ISSN: 0933-033X; ISBN 3-540-63974-8

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Wolff, Milo. *Exploring the Physics of the Unknown Universe*. Technotran Press, Manhattan Beach, CA, 1990. ISBN 0-9627787-0-2.

CHAPTER 05: LARGE-SCALE GEOMETRIC ENERGY FORMS

CHAPTER 05: LARGE-SCALE GEOMETRIC ENERGY FORMS

We have now seen the existence of forces at the quantum level that produce geometric structures, and which allow groups of atoms to merge together into larger wholes where their individual identity is no longer detected. With Rod Johnson and others' discoveries, we have a unified quantum model to explain the existence of these forces, tying together all the loose ends that are currently known to exist in quantum theory, such as the meaning of Planck's constant. Our objective in this chapter will be to show that in a truly Unified aetheric model, these energy formations should continue to exhibit the same structure and behavior at all levels of size. We will begin our discussion by looking at the research by Dr. Massimo Teodorani and associates into the recurring phenomenon of "thermal plasma" formations in Hessdalen, Norway. We will then move into a review of information regarding the Earth's geometric grid of torsion-wave energy upwellings, most of which was covered in chapter 11 of our previous volume.

5.1 EARTH PLASMA FORMATIONS

On November 17, 2001, researcher and radio personality Linda Moulton Howe published an exclusive report on the research of Dr. Massimo Teodorani and associates regarding anomalous plasma formations that have been seen in the valley of Hessdalen, Norway. Howe writes that through the last decade, many eyewitnesses have observed and reported:

...flickering, pulsing lights that change shape. A couple of times in the 1990s, Norwegian engineers investigated the lights. But the research became more serious this past August of 2001 when Italian astrophysicists joined Norwegian engineers in a joint study with radar, photographs, videotape and spectroscopes. The results can be broken down into two groups: 95% are thermal plasmas and 5% are unidentified solid objects. The plasmas emit long wave radio frequencies and strangely, their temperatures do not vary with change in size or brightness.

Howe then goes on to quote from the summary of Teodorani et al.'s research:

- 1 Most of the luminous phenomenon is a thermal plasma;
- 2 The light-balls are not single objects but are constituted of many small components which are vibrating around a common barycenter;
- 3 The light-balls are able to eject smaller light-balls;
- 4 The light-balls change shape all the time;
- 5 The luminosity increase of the light balls is due [only] to the increase of the radiating area. But the cause, and the physical mechanism with which radiation is emitted, is currently unknown.

As we can see from the above list, we have a formation that has certain characteristics in common with the microcluster; namely that we have a series of "many small components" of spherical energy fields (such as the atoms in a microcluster) that are "vibrating around a common barycenter." According to Dr. Erling Strand, these plasma formations could remain visible for up to two hours, which makes them decidedly different than the short-lived

phenomenon of ball lightning. As Dr. Teodorani reports,

... when we process the data we see that many small light balls vibrate around a common barycenter. So it is something like a center force that is ejecting balls or the mini-balls are going around the center body. It is quite complicated.

The next quote establishes a fact not seen in Dmitriev et al.'s research on natural self-luminous formations, but which aligns precisely with the idea that these plasma formations can behave according to the same fundamental geometric principles as the microclusters, albeit on a larger level of size. We will quote Dr. Teodorani as "MT:" and Linda Moulton Howe as "LMH:" in this excerpt, with emphasis added:

MT: And we also saw during the processing phase that these plasmas are able to assume several shapes. Sometimes, also geometric.

LMH: Also geometric shapes?

MT: Yes. Sometimes also geometric. We don't know the reason about that yet, but we saw something that was like a rectangle. It suddenly changes from an amorphous plasma to a rectangle. It happened transiently and we saw it and it is in my paper, EMBLA 2001: The Optical Mission.

LMH: So you were watching something round like a sphere of plasma and it suddenly transformed into a rectangle?

MT: Absolutely. At first we thought it was a sort of instrumental effect due to the video camera. But after we compared the photo of this same phenomenon with the video of the same phenomenon, we saw that they were the same thing – that is, a plasma – in spite of that geometrical shape, because we can do certain analyses by studying the distribution of light, and also by taking the spectra. We see that one is a plasma. So, it is strange – a plasma phenomenon that we can describe, but not yet tell what is the main reason that is causing it.

LMH: And is it fair to say that none of you or any other astrophysicists have ever documented this kind of plasma interaction and transformation before now?

MT: No (we haven't)... I know that some astrophysicists have seen the light phenomenon as amorphous light balls, but it is the first time that we saw that this year.

LMH: And you have concluded in your scientific paper that these are thermal plasmas because why?

MT: Because if I take a spectrum and I plot the spectrum in a flux wavelength, that spectrum resembles the typical Max Planck curve which is typical of a cocktail of ions and electrons. That speaks very clearly. And we can also measure the temperature and the temperature was in that case a little bit higher than the solar temperature: 6,500 Kelvin degrees.

The picture of this formation is featured in Howe's online article, and a clear

geometric shape is visible; remember that it was captured both on conventional film as well as videotape. From here on in the interview, Dr. Teodorani tells us that these plasmas could suddenly change in size without any change in their measured temperature, which is certainly an anomaly in the view of conventional physics. In our model, we see that as the size of the plasma decreases, the missing energy is displaced into a higher density of aetheric energy. It is for this reason that the temperature of the plasma does not change; some of the plasma has simply moved out of our own aetheric density of matter. It can still be detected by certain instruments such as radar, though, just not by our sensory organs.

Furthermore, Teodorani's associate Prof. Erling Strand has captured about 34 radio tracks of plasma phenomena that would alternate between visibility and invisibility. A radar would indicate the position and velocity of the plasma, but the naked eye could not detect its presence, and the switches between visibility and invisibility could be nearly instantaneous. This sudden change in visibility only adds to the evidence that the energy of the plasma is displacing into a higher density of aetheric energy when it becomes invisible. Preliminary evidence indicates that the plasma suddenly drops in temperature to 100 degrees Kelvin or less as it disappears, all of which can occur in less than one second. [6] Such rapid temperature changes obviously do not obey conventional rules of thermodynamics – the plasma is “there one minute and gone the next.”

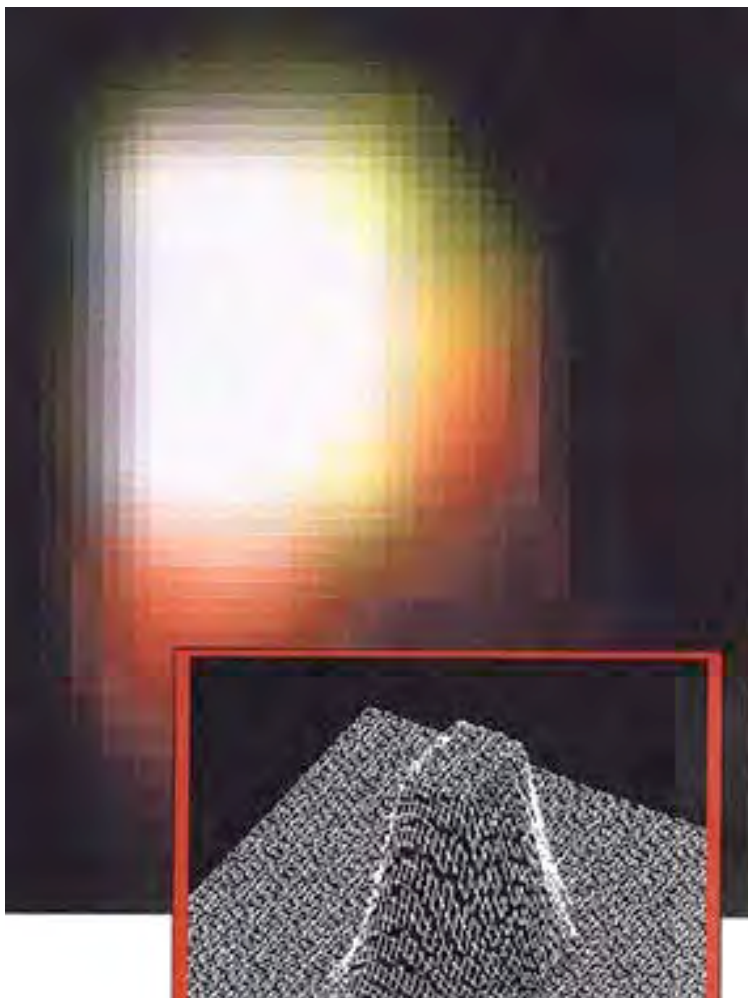


Figure 5.1 - An enlarged picture of the rectangular plasma formation after changing from a sphere, as

well as the corresponding 3-D Point Spread Function (PSF) that is used in order to simultaneously obtain the peak intensity and the apparent dimension, in pixels, of the target. Date: August 18, 2001. Image processing by M. Teodorani.

In her interview with Dr. Teodorani, Linda Moulton Howe adds further support to the connection between plasma spheres, invisibility and geometric structures, as she reports her own experience with a plasma formation in England that was only visible through an infrared scope:

LMH: And that is so consistent with at least twelve years of eyewitness accounts in England, myself included, in which through an infrared scope I have been able to see what looked like an oval of light change into a square of light that was pulsing. I saw this along with other people and we could only see this in the infrared scope; we could not see it with our eyes. [emphasis added]

As reported in Chapter 11 of Richard Pasichnyk's book *The Vital Vastness*, Volume One, such plasma formations are almost always associated with some form of enhanced geophysical activity. One of the most anomalous single events of this type was reported on November 30, 1930 in Tango, Japan, and we have added a note after the first sentence:

It was a clear, cloudless morning sky when a strange rainbow appeared, attracting attention. [Note: this rainbow appears to have been caused by a local distortion of the aetheric energy field in that area, thus causing visible light to break up into a spectrum.] Being out of season and unlike anything ever seen before, that unique occurrence wedged its way into the memories of many. As the next morning progressed, with it came the rumbling and quaking of the ground. In the eyes of awestruck faces one could see reflections of flashes of light, bluish flames and aurora-like afterglows that painted the heavens. Where the ground shook most, there came bewildering bright beams, fireballs, funnel-shaped lights and moving luminous columns. Toward Manpukuzi Temple, a straight row of radiant round masses revolving with considerable splendor could be seen. [emphasis added]

Such events are not as uncommon as most people would believe; they simply are not collected and reported with the same degree of unbiased presentation that is typical of more conventional forms of scientific data. Both Pasichnyk and Dr. Aleskey Dmitriev cite studies that indicate definite increases in the numbers of reported "UFO" sightings during times of enhanced geophysical activity. Pasichnyk points out a 1977 book by M.A. Persinger and G.F. Lafreneiere that graphed a combination of earthquakes and UFO reports on maps of the US between the years 1820 and 1971, and both phenomena are seen to "coincide quite well" in the same areas at the same times. [9] Hence, clear evidence points to the fact that these energetic plasmas are emanating directly from the center of the Earth, such as in the case of an earthquake, and are therefore made of the same material that the Earth's core is made out of. Thus, we stand with Pasichnyk in asserting that **the center of the Earth is composed of the same form of energetic plasma that we see in the Sun – and this would explain why Teodorani et al.'s measurements showed that the plasma had the same temperature as the Sun's surface.**

In the following two chapters, we will present evidence that the planets are actually ejected matter from the Sun, and therefore composed of the same basic substance as the Sun itself. Indeed, in a unified aetheric cosmology, all matter originates as a form of superconducting Bose-Einstein condensate plasma with geometric properties, as discussed in previous chapters, before cooling, separating and crystallizing into individual atoms and molecules.

5.2 PROOF FOR EARTH'S LUMINOUS PLASMA CORE

Most of the case for the Earth's plasma core was presented in our previous volume, but we shall repeat many of the key facts here again due to their importance. Most educated people are aware that the hottest area of the Earth is in the core, and that it gradually cools down through successive stages of the layer known as the mantle before finally arriving at the coolest area on the outside of the sphere, which is the hard crust or lithospheric stage. It is also important to remember that the Earth's outer crust is so thin compared to the rest of the Earth's mass that if the Earth were reduced to the size of a glass of water, the crust would only be as thick and as dense as the surface tension at the top of the water itself. This shows how little "solid" matter there actually is on the Earth.

Conventional geologists believe that the Earth's core is composed of iron and nickel. In the prevailing "dynamo" theory, this metallic core rotates inside the Earth and in turn creates the Earth's magnetic field. Arguably, the strongest reason for the popularity of this theory is the belief that one requires a piece of metal such as iron in order to conduct a magnetic field. However, numerous researchers including Schappeller, Searl and Roschin & Godin have demonstrated in the laboratory that **a magnetic field can be created as a standing-wave of glowing aetheric plasma energy, nothing more.**

Indeed, all our forms of "proof" for what lies in the center of the Earth are indirect, brought about primarily through research on the seismic impulses that are created during earthquakes. As explained in the previous volume, waves traveling side to side, known as S-waves or transverse waves, cannot pass through the Earth's core, and this is what one would expect if the core were solid. Pasichnyk points out that S-waves also could not travel through the Earth's core if it were made of compressed plasma energy.

Such plasma models would normally be shot down immediately, as conventional science thinks of the Earth as an inert mass, and immediately rejects the idea of a plasma core because such an energy source would require a continual energy input. However, **once we understand that both gravitation and torsion-waves are forms of aetheric energy continually instreaming into the Earth, we have a source of energy that can effortlessly pass through physical matter and replenish the plasma source in the Earth's core. A majority of this torsion-wave energetic activity occurs at the poles of the Earth, in alignment with the magnetic field.** We remember from Chapter One that Kozyrev found the greatest torsion-field effects near the North Pole, and Pasichnyk has also provided us with several other forms of proof. For example,

Earthquake waves travel faster along the north-south axis of the Earth's interior than they do on any east- west axis.

As discussed in the previous volume, other observations also point to the fact that energetic activity is indeed accelerating into the Earth's core from the polar regions:

- 1 Auroral activity associated with magnetism and solar activity. The aurora borealis, or "Northern Lights," is a luminous energy formation usually seen over the poles. When the Sun's activity increases, the aurora becomes brighter, and the aurora also varies in direct proportion with the Earth's magnetic field. This aurora shows us the instreaming energy in action.
- 2 Curtain-shaped auroras at the poles. From studying the formations of the aurora, we also know that a helix-shaped vortex of energetic electrons and protons, like a super-elongated funnel, has been seen to spiral down into the polar regions of the Earth at a high level of intensity.
- 3 Earth's core is too hot for metallic magnetism. Metals cannot maintain a magnetic field above a certain crucial temperature, known as the Curie point. However, contrary to the conventional models, the temperatures inside the Earth were found to rise very quickly as we drill down, and if we continue this smooth increase along by extrapolating it on a graph, then at only 100 kilometers or 62 miles, the temperatures in the Earth would be too high for metals to conduct a magnetic field.
- 4 Eclipse anomalies of magnetism and gravity. During an eclipse, the earth's magnetic fields are weakened, and this effect is significant enough to confuse migrating birds. The gravitational field is also altered during an eclipse, as seen in various pendulum studies. **Both of these observations show that the Earth is being continually 'fed' by the Sun's torsion-field radiation and instreaming energetic 'particles'.**
- 5 Tilt of Earth's magnetic field. If the Earth's core were a spinning metallic dynamo, then we would expect that its magnetic field should be aligned with its axis of rotation. However, since the magnetic field is approximately eleven degrees offset from the rotational axis, the dynamo model is not adequate.
- 6 Changes of the length of the day with solar activity. The length of day (LOD) on the Earth is a measure of how fast the Earth is rotating. Clear correlations have been established to show a connection between the LOD and the level of solar activity. This shows a direct energetic interaction between the Sun and the Earth that the dynamo model cannot account for.
- 7 Changes in magnetism with solar activity. Solar activity also can change the direction and intensity of the Earth's magnetic fields. It is highly unlikely that a gigantic dynamo inside the Earth would be affected by such outward changes.
- 8 Polar reversals, wanders and jerks. The Earth's magnetic field has a series of movements that the dynamo model cannot account for. Circular patterns known as "Chandler's Wobble" are continually traced at the poles, and the magnetic field can experience sudden "jerks" as well as complete reversals of polarity. A free-flowing energy source in the center of the Earth, responsive to the Sun's changes, far more easily accounts for these anomalies than the idea that the Earth's core is a solid chunk of metal.
- 9 Gravity's role as a formative force. In our model, gravity is the movement of aetheric energy into the Earth that is creating matter and energy within it each moment. Once we go deeper than 2,700 kilometers or 1,678 miles, there is a greater degree of gravitational force directed away from the center than there is towards the center. This shows gravity's role in the formation of the Earth's core, similar to how the Biefeld-Brown effect shows that the negative electron clouds rush towards the positively-charged nucleus. Once the instreaming energy converges at the center of the Earth,

some of it pours back outwards, creating this gravitational anomaly.
10

Plasma wind coming up from the Earth. NASA's Dynamics Explorer space probe determined that a plasma wind emanates away from the Earth's poles in addition to the wind streaming into the poles. This demonstrates the quality of both energy entrance and exit that is occurring in these areas, which will be covered more deeply in ensuing chapters.

5.3 WILCOCK'S AETHERIC EARTHQUAKE MODEL

Based on all of the above evidence, we can clearly see that there is a remarkable parallel between the aetheric model of the atom as a spherical torus and large-scale plasma formations such as the Earth's core. As Pasichnyk and many others have documented, increases in Solar activity are strongly correlated with increases in the amount and intensity of earthquakes on the Earth. Once these earthquakes occur, anomalous plasma formations are often observed as well. Further support to this concept is seen in the phenomenon of "radar angels", where radar operators would frequently pick up false signals over geophysically-active areas of the Earth. Most radars are now equipped to screen out these signals, which appear to be caused by mostly invisible plasma spheres that are continually ejecting from the Earth in seismically-active regions.

So then, what exactly is an earthquake? We present the following as an informed supposition, based on the evidence presented throughout this book:

- We begin with a sudden surge of energetic activity, such as could occur from solar flares or other sources that we will discuss later.
- This surge abruptly increases the amount of energy streaming into the core of the Earth.
- The total amount of luminous plasma in the core then increases.
- However, there is no decrease in the pressure from the Earth surrounding and containing the plasma, so the extra energy has nowhere to go except to be compressed under a higher amount of pressure.
- Based on simple aetheric physics, if the energy surge is high enough, then this sudden pressure increase forces some of the plasma to displace into a higher density of aetheric energy.
- Once the plasma reaches a higher density, it can easily pass through the lower-density physical matter making up the form of the Earth that we now know and measure.
- At this point, the plasma is no longer contained by the massive compressing forces in the center of the Earth, but is free to move away from the Earth's center via centrifugal force.
- Now, in this higher-density state, the plasma bubbles up towards the surface of the Earth, much as oil will bubble up to the top of water.
- Since pressure always flows from high to low, the plasma will naturally move towards the area of lowest aetheric energy density near the surface of the Earth.
- "Empty" vacuum space is much less dense than solid matter, and therefore has a much lower density of aetheric energy.
- Therefore, a relatively vacuum-sealed crack in the Earth's crust has less aetheric energy density than the surrounding solid matter.
- The displaced plasma is naturally attracted into such cracks.
- Once the plasma reaches this space, pressure is relieved, and some of it

displaces back down into its original plasma state that it held in the Earth's core.

- However, since the temperature is now much lower, some of the plasma suddenly cools off.
- As the plasma suddenly cools, it crystallizes into new physical matter.
- This new matter forms quite suddenly along the edges of the crack.
- Remember that when water crystallizes into ice, it expands in size. Similarly, the volume of the plasma increases as it cools down (phase shifts) into physical matter.
- Great explosive force can be released as this new matter is created, since it pushes apart the surrounding landmass at the site of the crack.
- An earthquake is created as this occurs if the amount of new matter is large enough to cause a slippage along the fault line.
- In many cases, some of the plasma remains in a higher density state, and continues to pass out through the surface of the Earth.
- As this energy passes through the atmosphere, it may or may not shift down into a low enough density to become visible.
- If the plasma remains at a higher density, invisible "radar angels" are formed.
- If the plasma shifts back to its original density, "plasma formations" may be detected.
- If the plasma is in a reverberating, "wobbling" state, it may lapse between visibility and invisibility, moving in and out of two adjacent levels of aetheric density, as Prof. Ehrling Strand observed and filmed in Norway.

Certainly, the more conventional models of earthquake formation and the pressure of surface movements should still factor in as well; this is just a factor that can create more sudden changes. This new model also helps to explain the phenomenon of "kimberlite pipes," mentioned both by Dr. Dmitriev and Dr. V.L. Dyatlov. This phenomenon is considered in Russia to be "the great mystery of modern geology," and it has been primarily observed in Alaska. First, seismologists detect a sudden explosion and heat surge near the Earth's surface. If the area where the explosion occurred is close enough to the surface, it can be drilled into and examined. [In some cases, the Eskimo people have been able to hand-dig their way down to the site itself.] An elongated hollow tube is discovered in the crust at the site of the explosion. Even more interestingly, and profitably, the inside of the tube is completely lined with diamonds!

Normally it is believed that diamonds and other such crystals take untold thousands of years to be created, yet in these cases they appear to have formed instantaneously. This will make even more sense to us in Chapter 10 when we study the work of Dr. Krasnoholovets and others, who found that torsion fields naturally create greater hardness and crystallization in any matter that they are exposed to. Metals that are exposed to torsion-wave-generating devices will become significantly harder and more crystallized in their form, and torsion fields can also create microcluster formations in water and other compounds. Hence, a plasma formation contains a very high intensity of torsion fields, ready to compress into geometric crystals at a moment's notice.

The astute reader should realize that there is another consequence to this earthquake model. In this model, when there is a sudden surge of energy increase in the Earth, the plasma is forced into a higher density and escapes

from the core. This in turn creates an earthquake, wherein new matter is created. However, it is also possible that if the energy increases in the core occur more slowly and regularly, then the entire size of the core itself could gradually expand without displacing into a higher density. This, in turn, would increase the overall size of the Earth itself.

This certainly fits with the quantum model that we have proposed in the preceding chapters, since we have seen with microclusters, quasicrystals and Bose-Einstein condensates that **atoms can group together into larger clusters that retain a singular identity.** The key here is that when enough energy is added to these structures, they will continue to expand in size. Microclusters start out as individual atoms that then “melt” together into larger, crystalline formations. Quasi-crystals can be grown just like any other crystals over time, and yet they continue to maintain their uniquely holographic and Unified structure, which cannot occur if the atoms are maintaining an individual identity. A Bose-Einstein condensate (superconductor) can also be expanded in size by the addition of new energy, though it will continue to behave as if it were a single atom. In our model, all basic structures at all levels of size in the Universe behave according to these same energetic principles, and are capable of expanding as greater amounts of energy stream in.

So therefore, the Earth should be capable of continually growing in size as the core is continually replenished by new aetheric energy, much as would occur in the growth of an organism. This prediction is realized in the science of “Global Expansion Tectonics.”

5.4 GLOBAL EXPANSION TECTONICS

In 1933, Christopher Otto Hilgenberg was the first to show that if we shrink the Earth down to 55-60 percent of its current size, then all the continents would fit together just like a jigsaw puzzle, as seen in Figure 5.2. He made the bold suggestion that this was caused by the Earth expanding in size; at one time in the past, it really was 55 to 60 percent of its current size. The most rigorous article that we have found on this topic is by James Maxlow [7], and shall be quoted as we proceed.

This new model is certainly not in today’s college textbooks, but it has been quietly gaining in popularity over the years. An Expanding Earth Symposium was held in Sydney, Australia in 1981, and the Smithsonian Institution hosted a discussion meeting in 1989 where these concepts and others relating to global tectonic models were discussed. As Maxlow writes,

These arguments [at the Smithsonian meeting] indicated that there seems to be something questionable with the plate tectonic theory as it is currently presented (Kremp, 1992,) and that present concepts of plate tectonics / continental drift / polar wandering may need to be re-evaluated, revised or rejected (Smiley, 1992.)

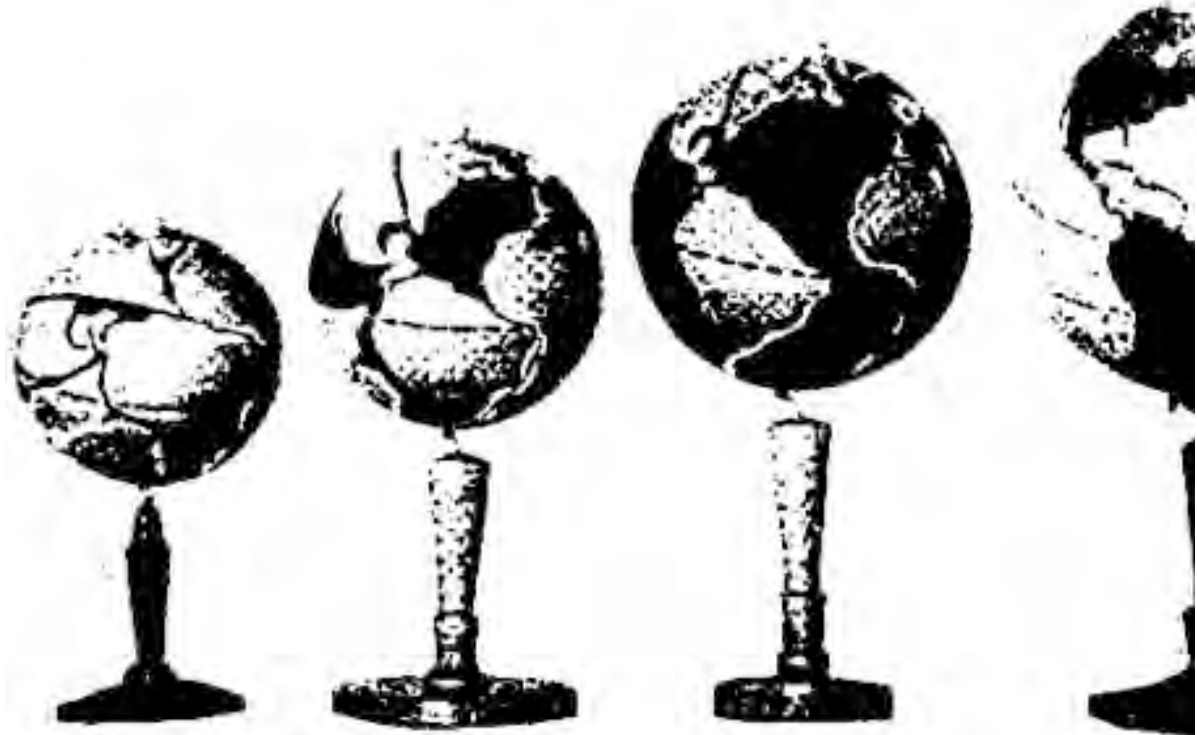


Figure 5.2 – Hilgenberg's "terrella" models of the expanding earth. Smallest globe is 60% of current radius. (From Vogel, 1983)

The "plate tectonics" or "continental drift" model is currently in vogue among mainstream scientists. In this model, the Earth has maintained a constant size throughout its entire lifespan, and the continents all originated as one giant mass known as "Pangaea". Eventually, this continent cracked into several pieces, and the cracks were sites of volcanic activity. As the new lava was ejected along these volcanic ridges and subsequently cooled by the oceans, the different pieces of the original continent were slowly pushed away from each other into their current positions.

However, in order for this "drift" to occur on an Earth of unchanging size, "what goes up must come down." In more scientific terms, if there are areas of "orogenic uplift" where new crust is continually being formed, then there must also be "subduction zones" where the Earth's crust is sinking back down into the mantle and again melting into a molten state. As Maxlow indicates, this model has a major, major flaw:

No definitive evidence for "subduction zones" has ever been found on Earth.

Furthermore,

The areas where subduction zones even might exist are far fewer than the Plate Tectonics model requires.

Or, to put it more simply,

We can easily demonstrate the Earth's expansion with the observed data, but we have no means of proving that the alleged subduction is occurring at the same time.

Maxlow continues by mentioning that the conclusions of the “plate tectonics” model were based on an incomplete set of data:

In presenting Global Expansion Tectonics it must be realized that the global, geological and geophysical database has only now [2001] reached the stage where any global tectonic hypotheses can be confidently quantified, challenged, and / or discarded.

With the new data in hand, the “plate tectonics” model can now be discarded. However, according to Maxlow and other sources, there are two main reasons for why the mainstream scientific and geological community does not accept an Earth Expansion Theory:

- 1 Matter is not “supposed to” be able to expand in our current understandings of quantum physics.
- 2 The evidence needed to create a mathematical model that can accurately reproduce an Earth expansion process over time does not appear to exist.

The first point is effectively eliminated by the quantum models that we have discussed in this book, and Maxlow has provided the supportive evidence required for the second point. As more and more information about the geophysics of the Earth is acquired, the Earth Expansion theory is only further enhanced in its credibility. New maps of the patterns, speeds and directions of the spreading of the seafloor areas shows that the earth is “undergoing an exponential expansion from the Archean [period] to the present...”, according to Maxlow, and the maps and images to support these conclusions are presented in his paper.

Based on Maxlow’s mathematical models, the Earth should be expanding in size at a rate of approximately 21 millimeters per year. And indeed,

- 1 Carey in 1986 used satellite laser ranging measurements to calculate that the Earth’s radius was expanding by 24 millimeters per year, plus or minus eight millimeters.
- 2 Robaudo and Harrison in 1993 used VLBI and SLR geodetic measurements to conclude that the Earth was expanding at 18 millimeters per year.

The conventional explanation for this observed expansion of the Earth is that it is caused by the continual influx of dust and meteorites, but it also fits perfectly with Maxlow’s calculations based on straightforward data-gathering from ocean seafloor spreading. Other scientists in Russia have concluded that the Earth makes sudden increases in its size at certain times in our geological history, and this could account for why Robaudo and Harrison only observed an 18-millimeter-per-year expansion instead of Maxlow’s calculated value of 21 millimeters.

The next obvious problem that this model raises is this: if all the continents were once part of a single outer surface of the Earth, then where do we put the oceans? Maxlow suggests that in these early days, there was less overall water on the surface of the Earth, and “shallow epi-continental seas” had formed across various areas of what are now the continents. The original crust on the Earth had reached a certain level of thickness, (probably as a result of cooling down from a molten state as it drifted away from the Sun,) but then as the Earth continued expanding, the newly forming crust was much thinner, and thus lower in height. As the continents began breaking apart, these epi-continental seas emptied out into the lower-elevation cracks,

forming early versions of our oceans.

This raises another question: "Where did all the water in our oceans come from if it wasn't all originally there?" The Earth "grows" in size by the continual increases in the aetheric energy it is receiving from the Sun and other sources. The same energetic processes that increase the size of the Earth are also continuously creating new molecules such as hydrogen and oxygen in our atmosphere, thus thickening it in density. Hydrogen and oxygen then bond together to form greater quantities of water, which rain down from the skies into the oceans, mixing with the salts in the Earth's crust. Interestingly, as we documented in the previous volume, the gas planets all have been observed to have Earth-sized rocky cores, so it seems plausible that the Earth will also eventually become a gas planet as it drifts farther away from the Sun. In Chapter Eight we shall survey evidence from Dr. Aleskey Dmitriev that demonstrates that this creation of new atmosphere is an ongoing process, as new changes are being discovered in the atmospheres of the Earth and other planets such as Mars.

5.5 RADIAL, GEOMETRIC EXPANSION OF THE CONTINENTS

If the activity of the Earth is to share a common bond with the activity at the quantum level, then we should expect to see Platonic Solid geometry involved during the process of expansion, just as we see in the formation of a microcluster or quasi-crystal. We have already seen Dr. Teodorani et al's observations of plasma formations in Norway adopting spontaneous geometric configurations, and this suggests that the plasma in the Earth's core must also have the same properties. Furthermore, thanks to Pasichnyk's detective work, we know that W.R. Corliss, A.M. Dziewonski and J.H. Woodhouse have confirmed that the Earth's core displays "hexagonal symmetry," meaning that it is in the form of a three-dimensional geometric solid which has six sides when seen from certain angles. In his 1996 videotaped presentation, Gregg Braden indicates that this symmetry data suggests that the Earth's core is shaped as a perfect dodecahedron, one of the five main Platonic Solids with twelve pentagonal faces. Thus, the "microcluster" phenomenon of geometry continues to hold true at much larger levels of size than just the quantum realm. (An icosahedron also has very repetitive hexagonal symmetry.)

Let us not forget that geometry is the simple byproduct of vibration / pulsation in a fluidlike medium; Dr. Hans Jenny's studies revealed that as the level of vibration / pulsation is increased in a fluid, the geometric forms that we see inside the fluid become more complex. So, if the rate of vibration / pulsation in the Earth's luminous core is continually increasing, then we should expect to see increasingly complex forms of geometry at work.

Bearing this in mind, in 1993, Vogel et al. came up with the following conclusions regarding the Earth Expansion Hypothesis, based on their extensive modeling of the Earth's surface. If you reduce the Earth's radius to 55 to 60 percent of its present size, then:

- 1 The continental outlines can be fitted together to form a closed crust;
- 2 The positions of the different continents with respect to each other remain generally constant, with their separation caused by a "radial expansion of the Earth" and;
- 3 The cause of the movements of continents resulted from an accelerating increase in radius with time, in accordance with sea-floor spreading...

An accordance of these three phenomena cannot be accidental, [but are due to] processes operating from within the interior of the Earth, resulting in Earth expansion.

The key that we need to see here is in point number 2, where Vogel et al. state that the separation of the continents occurs in a "radial" or spiraling movement. Part of this model can be seen in Figure 5.3, based on Perry's computer reconstruction of the Earth's radial expansion. When we study the hierarchical structure of the Platonic Solids once "nested" inside of each other, we see that there is always a spiraling movement as a less-complex form expands into one of greater complexity. This has been well covered in our previous volumes.

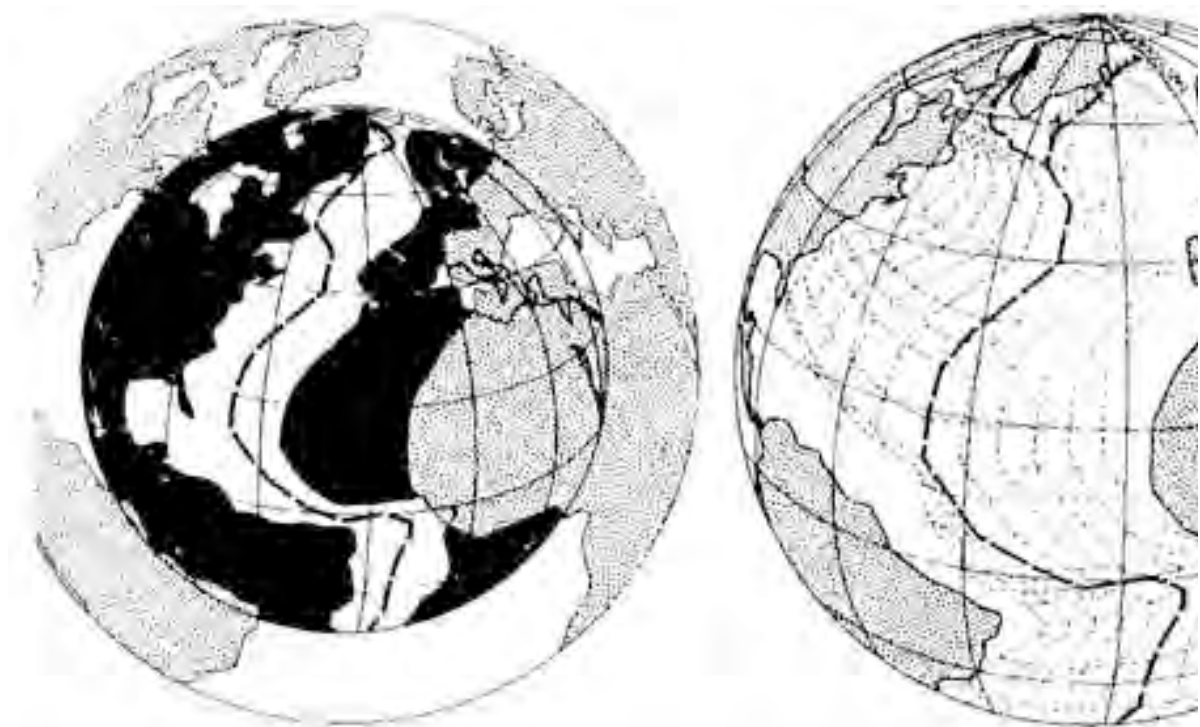


Figure 5.3 – Perry's computer reconstruction of the radial expansion of the earth.

(From Carey, 1986)

Dr. Athelstan Spilhaus, an established scientist working for the National Oceanic and Atmospheric Association or NOAA, provided us with the proof that the Earth is indeed expanding into greater and greater forms of geometric harmony. According to our communications with Dr. Bethe Hagens, Dr. Spilhaus' findings in this area were featured in Scientific American magazine in the 1980s, and we are hoping to obtain a copy of the remaining images from that issue. In Spilhaus' model, the Earth is not expanding in size, but the underlying geometric formations that he discovered can still be directly applied to an expanding earth model, as all of his data is based on straight lines with consistent angular relationships. Much like an expanding microcluster, the hierarchy of forms that the Earth has experienced are as follows:

- 1 Tetrahedron: When the "continent" of Pangaea first broke up, each major 'crack' was almost exactly the same length, or 'equidistant' to every other

crack. These equidistant lines form the outline of a tetrahedron as the continents then radiate away from their original center. As we discussed in both previous volumes, this form continues to exert an energetic 'signature' on the Earth, and the work of Richard Hoagland and The Enterprise Mission has clearly demonstrated tetrahedral energy formations on other planets.

- 2 Cube-octahedron: As the continents continue to separate, their geometry expands into a greater complexity of equidistant lines, forming the combined shape of the cube and octahedron. As we wrote in *The Shift of the Ages*, Bruce Cathie has clearly demonstrated that this grid is also still active on the Earth. From these precise Grid measurements, Cathie made many breakthroughs in this new field of "harmonic aether physics" that are very useful, some of which have been given in *Shift of the Ages*.
- 3 Icosa-dodecahedron: The Earth's continents have now expanded into the form of a combined icosahedron and dodecahedron of equidistant lines. Once more, the process of expansion into this stage occurs along spiraling, radial pathways.

In Figure 5.4, courtesy of the original NOAA paper, we can see Dr. Spilhaus' final stage of Earth's geometric expansion as it now stands today. The main pentagon-shaped face that we see would be from the dodecahedron, and the triangular faces would be from the icosahedron. Obviously the dotted lines represent undersea ridges and/or mountain ranges. It is not surprising to see this formation, considering that the Earth's core appears to now be in the shape of a dodecahedron:



Figure 5.4 – Dr. Spilhaus' final geometric expansion of Earth's continents, courtesy his NOAA paper.

Though Spilhaus' data is quite satisfactory, there is a great deal of additional information to support the idea that such geometric forms now encircle the Earth. The Russian team of Goncharov, Morozov and Makarov independently determined that the Earth had the form of an icosadodeca grid, [Fig. 5.5] based on the positions of the continents and undersea volcanic ridges. The Mid-Atlantic Ridge runs precisely along with the zig-zagging vertical line in the Atlantic, as seen in the diagram. Both the pentagons of the dodecahedron and the triangles of the icosahedron can be seen in this image:

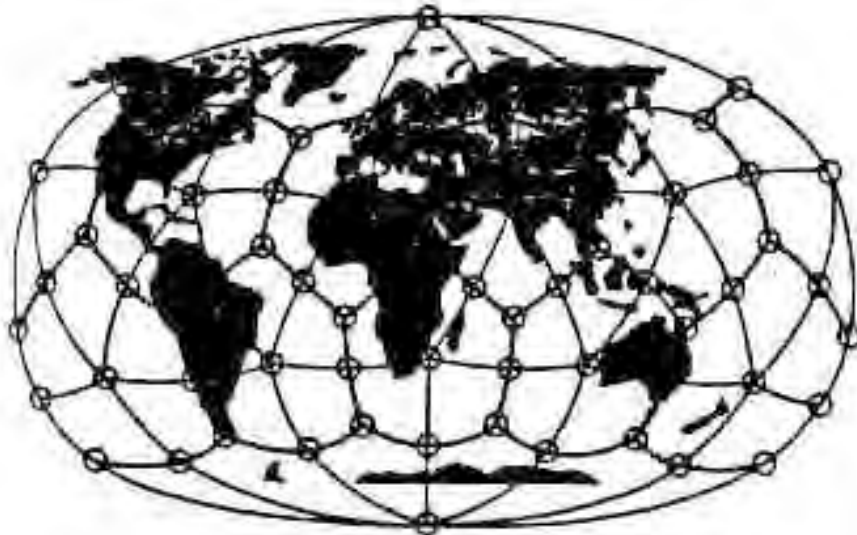


Figure 5.5 –

Goncharov, Morozov and Makarov's icosi-dodeca grid.

Interestingly, Goncharov et al. surveyed the locations of over 4000 different ancient sacred sites on the Earth, such as standing stones, pyramids, monoliths, menhirs, obelisks, temples, pagodas, stone cellars, stone circles, ziggurats, earth mounds and the like, and **without exception, every single ancient site they surveyed was situated somewhere on this icosi-dodeca grid.** We will learn why the ancients would have used such a technology in Chapter 9; it is related to the ability of a formation such as a pyramid to harness torsion waves for use in balancing the Earth. We will see Russian and Ukrainian research from esteemed sources that has proven that **pyramids can decrease the severity of earthquakes, severe weather and radioactive emissions, while increasing the purity of water, underground oil and minerals.** Pyramids can also be used for healing, growth stimulation and consciousness expansion related to spiritual growth.

All of the above results on physical matter are created by the action of torsion waves, whose gentle pressure can create significant effects on matter when in a sufficiently concentrated form, and it is important to remember that these "grid lines" are primarily torsion-wave formations. Torsion-field detectors will pick up a much stronger amount of torsion radiation along these lines than they will in other areas, and the node points where the lines cross are especially active. Thus, we may very well want to rebuild such a pyramid system across the Earth once again in order to offset the current damages that civilization is now producing. In the event of a limited nuclear exchange and / or further environmental destruction, such a project will become eminently necessary, as it was after the fall of the lost ancient civilizations of Atlantis and Rama.

5.6 COUNTER-ROTATING ENERGY FIELDS AND GRID DYNAMICS

We remember that in Johnson's quantum model, **the atom is actually composed of counter-rotating energy fields.** In order for an atom or molecule to become stable, the geometry must mesh together into a balanced formation. Similarly, we can see in the final two stages of Dr. Spilhaus' model of the Earth's expansion that there are always two geometries involved; we have the combination cube and octahedron and the combination icosahedron and dodecahedron. Even the original stage of the Earth's expansion, which

involved the tetrahedron, may have actually incorporated the octahedron as well, since the octahedron is directly infolded within the tetrahedron, as we saw in the last chapter.

Based on Johnson's model, it appears that the icosahedron and dodecahedron seen in the Grid are indeed opposing energetic fields that have reached a state of bonded harmony, in the exact same fashion as a molecular compound is created in the quantum realm. We believe that the stress created by these counter-rotating energy forces is the real cause for the Earth's counter-clockwise rotation on its axis. In this case, while the two geometric forms are bonded together, the geometry rotating counter-clockwise has a slightly stronger rotational force than the geometry rotating clockwise, and this causes the Earth to rotate in a counter-clockwise direction.

So, the available evidence suggests that the Earth indeed has a global energetic grid that was well understood and utilized by ancient civilizations. The key fact that we will explore in the rest of this section involves the phenomena that occur along the lines and nodes of this grid. Though this information is not popularly known, it is nevertheless very real, and extensively documented in our previous volumes and several other sources. For starters, we shall focus on the twelve equidistant points (vertices) of the icosahedron as now seen on the Earth's surface, and bring in a list of anomalous properties compiled from the work of Richard Pasichnyk. Again, this material was featured in the previous volume, but it is worthy of repetition at this point. We should remember here that Pasichnyk refers to these twelve areas as "the Fields":

- 1 Terrestrial electricity spirals, strange sounds, and magnetic and gravity anomalies occur in each [area.]
- 2 The deepest parts of the ocean floor [are at these points.]
- 3 [The] ocean current patterns [flow around these points.] [Note: The data of Ivan P. Sanderson reveals that these current patterns show counter-rotational movement.]
- 4 Strong storms deep on the ocean floor [are seen at these points.]
- 5 Some of the highest values of ocean surface salinity [are seen at these points.]
- 6 The most plentiful locations for bursting bubbles, producing stronger atmospheric charge and other associations [are seen at these points.]
- 7 These same areas are high and low pressure systems in weather and storm centers.
- 8 Spiraling gaseous nebulae have been observed from space centering in each Field.
- 9 The Earth's surface layer (lithosphere) and the physical aspects of plate tectonics (subduction zones, plate boundaries, rises, rifts, stress patterns, earthquake-wave anomalies, etc.) are related to the Fields' locations (further discussion is in section 3.4).

10

Lighted displays (ionized particles) and dark masses (neutrons) have been observed repeatedly [in these areas.]

11

Patterns and changes in the upper atmosphere, radiation belts, and the magnetosphere show relationships to the Fields.

12

Eels, iron-precipitating bacteria, and electric fishes are geographically located in these areas.

13

More than 70 percent of all life on Earth is situated in relation to the Fields (between the 40-degree latitudes), which is ideal for the generation of electrical energy by life.

Indeed, a great portion of Pasichnyk's Vital Vastness trilogy of books centers around the study of these "Fields" as they occur on Earth and other planets. In Chapter 12 of our previous volume, we summarized a majority of convincing information from Pasichnyk that shows that these Fields are at work on each planet throughout our solar system. As we can see, all of the above effects could be caused by the power that strong torsion fields can exert on physical matter, as torsion fields do create tangible pressure. It is this pressure that appears to be responsible for forming the currents we measure in the oceans and atmosphere, which Pasichnyk's research shows are all associated with the Earth's Grid.

As we have already indicated, areas of higher torsion-field intensity are also areas where matter is capable of shifting into a higher level of aetheric density. The key here is to realize that matter and energy can indeed be displaced into a higher level of aetheric density at these twelve nodes on the Global Grid, due to the high degree of torsion radiation in these areas, and this has already been documented and observed in the 20th century through the work of Ivan P. Sanderson, among others.

In 1972, Ivan Sanderson published an article entitled "The Twelve Devil's Graveyards Around the World" in Saga magazine. These "Devil's Graveyard" areas are the same as the "Fields" discussed by Pasichnyk, and they represent the points of the icosahedron on the Earth's grid, as seen in Figure 5.6. Just as a review, we know that each face of the icosahedron is a perfect equilateral triangle where every internal angle is 60 degrees. Within a sphere such as the Earth, the points of the icosahedron are located between 30 and 40 degrees latitude above and below the equator. Each point is spaced at 72-degree intervals from the neighboring points, and except for the two at the poles, their exact geometric center is at 36 degrees North or South latitude. All together, there are five points in the Northern Hemisphere, five in the Southern Hemisphere and two at the poles.

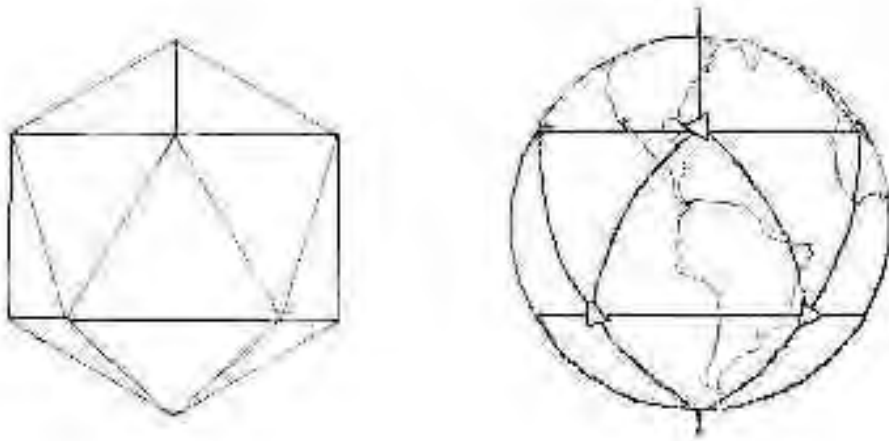


Figure 5.6 – The

icosahedron (L) and its grid positioning on the Earth (R).
(Courtesy Nick Nelson)

Sanderson discovered these points by doing a massive meta-analysis of all available data on losses of aircraft and sailing vessels. From this data, he determined that such disappearances were far more likely to occur at these twelve points than in any other areas. In Charles Berlitz' book The Bermuda Triangle, we are given a greater description of the properties of these areas, both in terms of Earth's physical processes as well as the electromagnetic time-warp anomalies:

These areas... represent the nodal points where the surface ocean currents turn one way and the subsurface currents turn in another direction. [Note: Again, we see counter-rotating energy forces.] The great subsurface tidal currents sweeping tangentially, and influenced by different temperatures, set up magnetic vortices, affecting radio communication, magnetism – perhaps even gravity – and eventually, in special conditions, causing air and surface craft to vanish – sailing or flying off into a different point in time and space. An interesting sidelight on the erratic behavior of these areas is underlined by Sanderson in describing the astonishing “early arrivals” of carefully clocked-in air flights where planes have arrived so far ahead of schedule that the only possible explanation would be that they had a tidal wind behind them blowing, for example, at 500 miles per hour. [Note: Let's remember that this kind of wind speed is usually only seen in the worst hurricanes.] Such incidents may be the result of unrecorded winds but they seem to occur most frequently within the Bermuda Triangle and other vortex areas, as if these particular planes had encountered the anomaly but had skirted or been propelled safely through the “hole in the sky” that had cost so many travelers their lives.

The vanishings in areas such as the Bermuda Triangle or the Devil's Triangle off the coast of Japan (which we have heavily documented in Chapter 10 of the previous volume) are produced when the ships or aircraft are displaced into a higher density of aetheric energy and do not return. The anomalies related to time are given additional support by Drs. William Becker and Bethe Hagens in their article “The Planetary Grid: A New Synthesis”, which was reprinted in the book Anti-Gravity and the World Grid. In this article, they reported on a time-based anomaly occurring at the node point near Hawaii:

A pilot flying with passengers near the Hawaii zone [of the icosahedron of

energy points on the Earth] suddenly found himself in a “dead zone” without [the use of his electromagnetic] instruments and unable to communicate beyond the cockpit. After flying some 350 miles, [which most likely took an hour or more,] the “phenomenon” lifted and the pilot found that tower officials could find no measurable time that had elapsed between the beginning of his “dead zone” experience and its end. [emphasis added]

These changes in the rate of time’s passage fit clearly with Kozyrev’s theories that the flow of time is a function of torsion radiation, which is in turn a function of aetheric energy density. If you move into an area of higher aetheric density, time may well slow down for you, as it did for the above pilot. In such cases as this, the ship does return from the higher-density area to our own level of aetheric energy density, and the survivors live to tell the tale. Admittedly, this does appear to be an exception to the rule, but it appears that ancient cultures had a better understanding of how to not get “lost” in such vortex-based aetheric displacements, and were able to use them constructively, such as for physical travel across the Earth.

In the previous volume we discussed the case histories of firsthand witnesses who flew into such areas of higher aetheric density and returned alive. The ultimate example is the case of Charles Wakeley. Briefly, as Wakeley passed into an area of higher density in the Bermuda Triangle vortex, his electromagnetic instruments displayed very anomalous behavior, and a bluish-green glow began growing on the tips of his wings, eventually turning white and spreading into the cockpit. At the peak of this event, he was surrounded by blinding white light that seemed to come “from everywhere at once,” and the effect then dissipated at the same speed that it had begun with, allowing him to regain control of the aircraft.

As we said in our previous volume,

It is very likely that the tremendous light that he saw around himself would not have been visible to those on the ground; it was a visual consequence of his own body moving into a more energetic area. To an outside observer there would be no change, as his body moves into an area of higher-vibrational energy that is outside of the time and space that the ground-based observer would see. If he did not return, his plane would simply disappear from view, and if he did return then nothing would appear to have happened to an outside observer; they would only see his plane as a seamless continuity.

5.7 THE BECKER-HAGENS GRID AND NEW DISCOVERIES OF “GREAT CIRCLES”

An even more complete model of the Earth’s grid has been worked out by Drs. William Becker and Bethe Hagens, known as the Becker-Hagens grid. We have covered this information in both of our previous volumes. This grid was produced by taking two icosahedrons and rotating one of them slightly out of phase with the other, a concept originated by Buckminster Fuller in his Synergetic Geometry magnum opus. A 120-sided polyhedron is formed by this process which describes all the Platonic Solids. The next figure shows the basic structure of this model of the Grid, though each triangle has many sub-lines within it as well. Let us now continue with another excerpt from our previous volume that helps us to understand what we are seeing:

From this grid design, we can see that the current structure of continents, island chains, mountain ranges, oceanic ridges and much more all follow this pattern. By slowly and carefully studying this map, as we have documented in *The Shift of the Ages*, we can see that it looks as if the Earth itself is a flexible balloon that is surrounded by this grid. If the grid is akin to a set of wires, and the wires are exerting force on the balloon, then we can see how they are pushing the landmasses into their current formation.

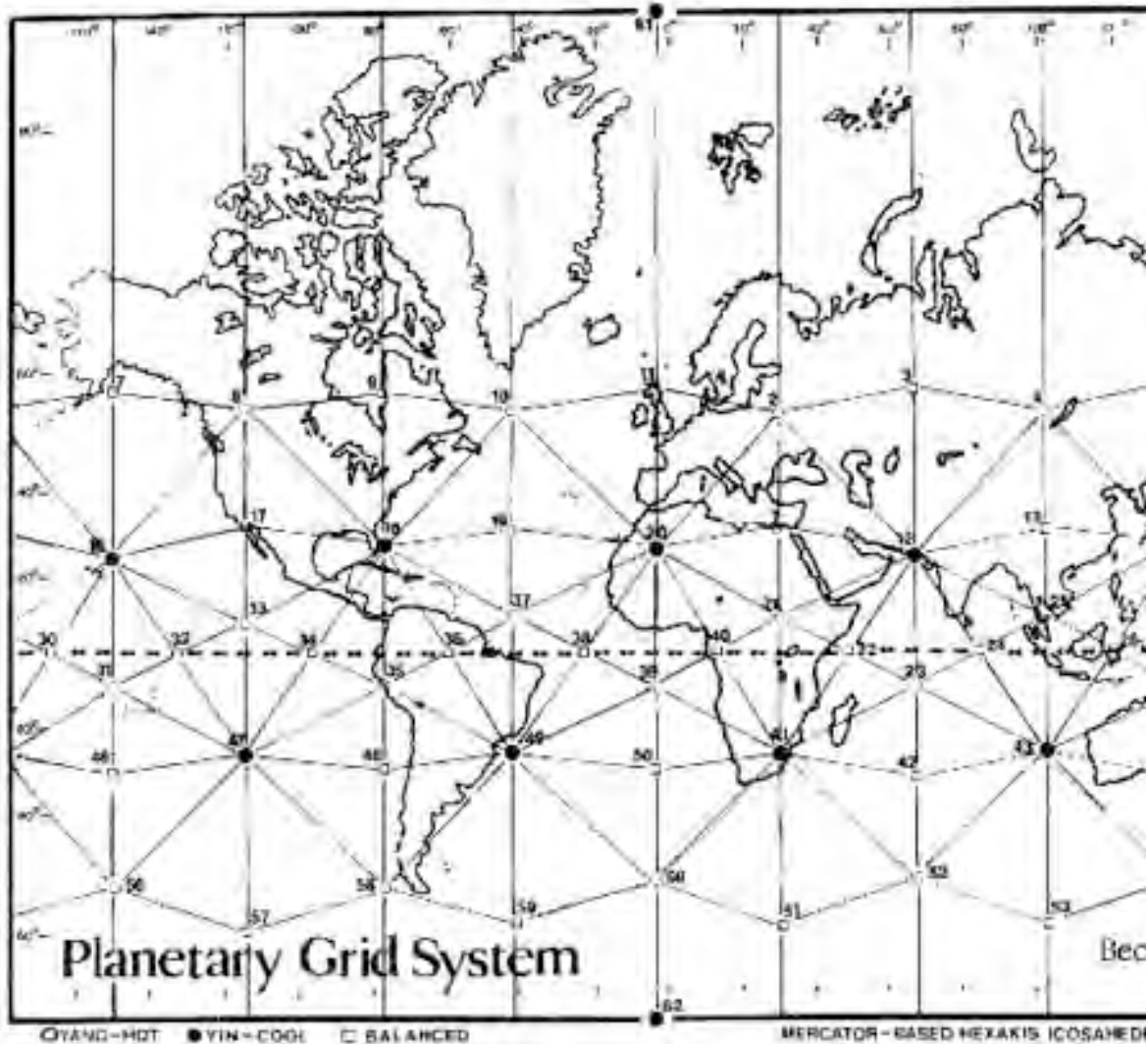


Figure 5.7 – The Becker-Hagens Grid, inspired by the work of Chris Bird.

By studying the map carefully, it becomes easy to see how the continents are pushed and pulled by this Grid. We have diligently covered all the most important points in both of our previous volumes. For just a few examples, note how South America is perfectly surrounded by lines, and how the bottom of that landmass is pushed to the right by node 58, while node 49 pushes in on its eastern coast near Rio de Janeiro in Brazil. Also note how Australia is perfectly stretched out between nodes 43 and 45, with the top of the continent forming a nearly circular bay area around node 27, also incorporating the smaller landmass of New Guinea directly above it.

In order to make certain formations more visible, in the next figure we

digitally altered the map so that it can be seen exclusively from the area of the Pacific Ocean. If we think back to Dr. Jenny's models of Platonic Solids in vibrating fluid, we remember that spiraling curves could be seen between the various nodes, forming a smooth contrast to the straightness of the lines on the geometries themselves. We would expect to see similar formations on the Earth if this aetheric model is indeed correct. Through the study of island chains and mountain ranges, we can indeed see large-scale circular structures just like those that surrounded the formations in Dr. Jenny's experiments.

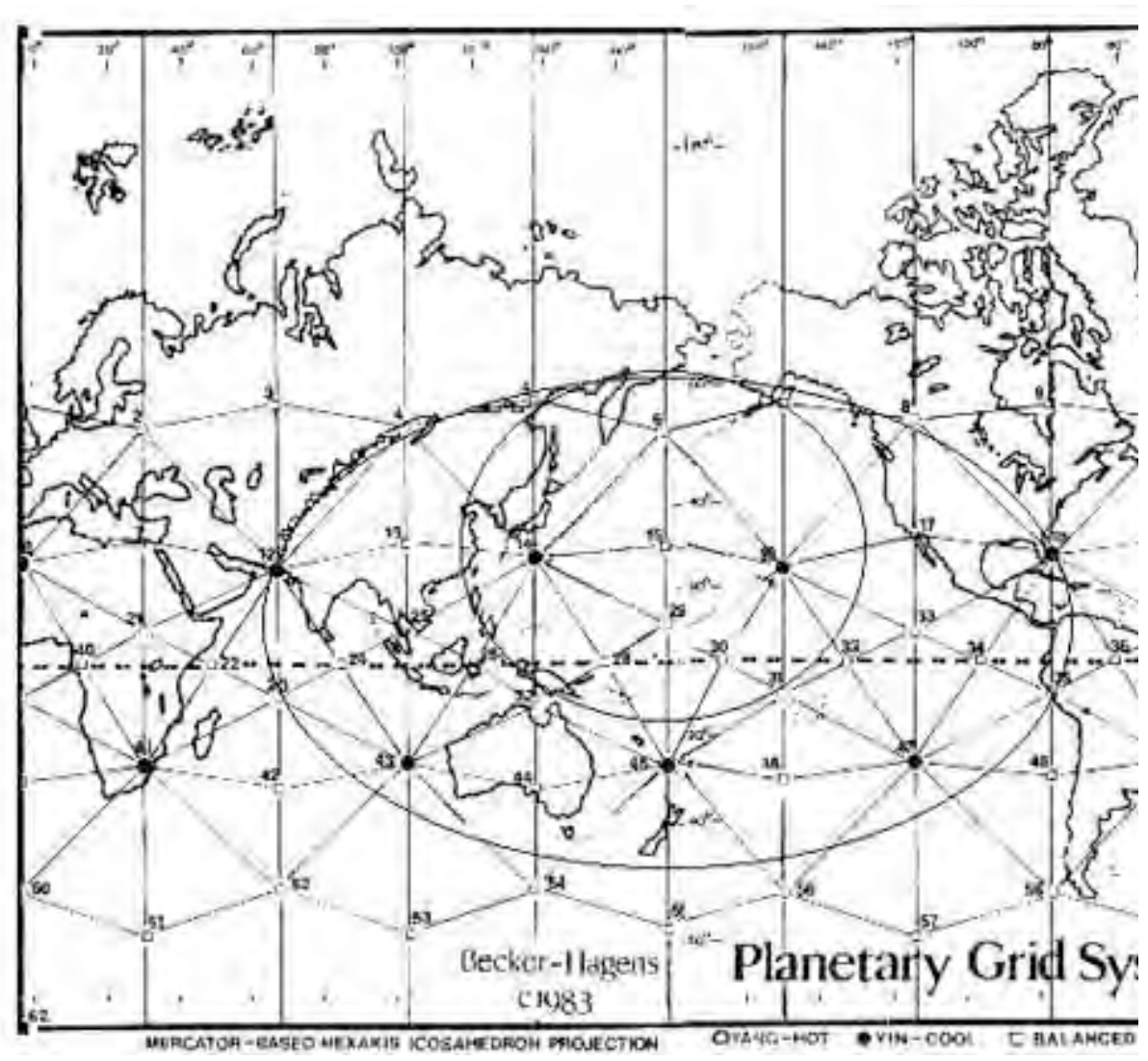


Figure 5.8 – Wilcock's "Great Circle" Discoveries in Asia / Pacific Ocean area of Earth's Grid

For starters, when we look at a world map that shows mountain ranges, we will discover that almost the entire western edge of Asia is bordered by a smoothly curving set of mountains that has no single name. In the map, we have crudely drawn in this mountain range with a series of curling lines at the far left of the larger circle. The position of this mega-range corresponds with extreme precision to an ellipse that can be drawn between nodes 12, 4 and 5, passing up through Pakistan and Afghanistan, the western edge of China, the border of Russia and Mongolia and then the border of Russia and northeast China, continuing right until the ocean coastline. The elongated sea in Russia

just to the right of node point 4 (see previous figure) is almost perfectly aligned with this ellipse as well. We can now combine this data with other smaller-scale formations, such as the island chain of Taiwan, the Philippines, New Guinea and the Solomon Islands, to show that there are indeed giant circular structures of energy upwellings to complement the sharp lines of the geometric grid.

Importantly, both of these "Great Circles" neatly and symmetrically contact many nodes on the Earth's grid, and both circles perfectly align with Russia and Alaska at their northern edge. Other formations can be seen on this map as well, such as the chain of islands formed by the bottom peninsula of Myanmar (Burma,) Thailand and Malaysia, and most specifically the primary island chain of Indonesia. This island chain forms an almost perfect semi-circle just to the left of the smaller circle that we have drawn into this map. It is also highly interesting to note that the smaller circle on this map looks very similar to the final stage of cell mitosis, with nodes 14 and 16 resembling cell nuclei and the vertical line between them resembling the dividing chromosomes.

In the next figure, we show an energetic structure that is centered on node number four in Siberia, where many magnetic anomalies have been recorded and analyzed by Dr. Aleskey Dmitriev and others. If we take this point as our center, then we can see an expanding spiral that appears to have formed from it. This spiral has three major "arms", formed by the Ural Mountains in Russia, seen on the left hand side of the outer circle, the Himalayan mountains that cross through Pakistan, Kashmir, India, Nepal, Bhutan and Tibet, (which we have only shown with a very thin line to emphasize their curving, spiral formation,) and the Japanese island archipelago. Once you see this inward-curling spiral structure for yourself in a world atlas, looking at the actual mountain ranges, you will never fail to see it again. This clearly illustrates the leftover traces of the Earth's stages of geometric expansion at work. Furthermore, the style of this map projection distorts the true shape of Russia's upper coastline, and thus in reality this circle is far more directly aligned with the shape and position of the coast than we can see here:

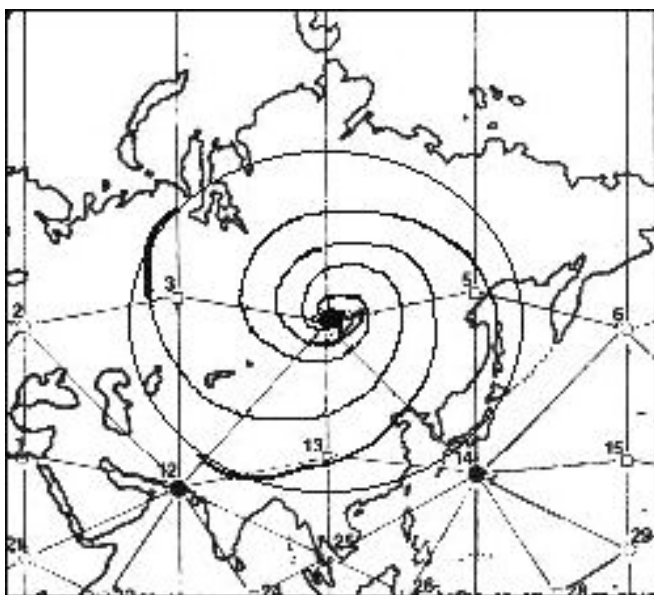


Figure 5.9 – Wilcock's spiraling "vortex" formation incorporating Ural Mountains, Himalayas and Japan

5.8 SUMMARY

So, with the information that we have uncovered in this chapter, we now have established a clear connection between the energetic behavior that has been observed at the quantum level with that of the planetary level. Just as “explicit angular-dependent many-body forces” must be invoked to explain the formation of microclusters, similar geometric forces are clearly at work in the plasma formations observed in Hessdalen, Norway and indeed in the Earth itself, which has a geometrically-structured plasma core and an evolving geometric complexity of the continental positions as it expands in its physical size. We also now have a new view of earthquake formation that explains why we see plasma formations during times of high seismic activity, and which also fits in with the concept that the Earth’s core is composed of luminous plasma. The anomalous disappearances of ships and aircraft at the node points of our Global Grid clearly point to the validity of a model involving multiple densities of aether, where matter can be displaced from one density to another if the torsion-wave pressure within the molecules rises high enough to cross the vibratory rate of the speed of light.

From here, our next step is to expand this “holographic” model even further, by demonstrating that these same energetic principles are at work throughout the entire Universe, at every level of size, with simple but precise harmonic principles defining their relationships to each other. This will truly establish a unified model that has never before been seen in any modern scientific work, but which is most likely a return to ancient understandings of the Divine Cosmos. The following two chapters form the heart of the model that this book is presenting, and will draw upon all of the previous knowledge that we have covered in this book up until now.

REFERENCES:

- 1 Berlitz, Charles. The Bermuda Triangle. (1974) Avon Books, New York, NY. ISBN: 0-380-00465-8 [See also <http://www.bermudatriangle.org>]
- 2 Braden, Gregg. Awakening to Zero Point. [Videotape Presentation] 1996.
- 3 Corliss, W.R. (comp) (1982) Lightning, Auroras, Nocturnal Lights and Related Luminous Phenomena. A catalog of Geophysical Anomalies. [and] (1991) Inner Earth: A Search for Anomalies. Glen Arm, MD, Sourcebook Project.
- 4 Dmitriev, Aleskey. Planetophysical State of the Earth and Life.
- 5 Dziewonski, A.M., Woodhouse, J.H. (1987) Global Images of the Earth’s Interior. Science 236:37-48.
- 6 Howe, Linda M. Scientists Say Mysterious Lights in Hessdalen, Norway are Thermal Plasmas. (2001) November, 2001. [Technical references in this article to Dr. Massimo Teodorani and Prof. Erling Strand’s research.]
- 7 Maxlow, James. Expanding Earth Theory.
- 8 Pasichnyk, Richard. The Vital Vastness – Volume One: Our Living Earth. Writer’s Showcase / Iuniverse.com, 2002. ISBN: 0-595-21078-3
- 9 Persinger, M.A., Lafreniere, G.F. (1977) Space-Time Transients and Unusual Events. Chicago, Nelson Hall.
- 10 Wilcock, David. Science of Oneness – Extraterrestrial Physics. 2001.

CHAPTER 06: THE UNIVERSAL HEARTBEAT

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Now that we have a basic working model for how matter and energy are functioning at the quantum level, as well as having demonstrated a harmonic expansion of these principles into the behavior of plasma formations and planetary energy dynamics, we are ready to propose a truly unified model of a Divine Cosmos. This model has been hidden in the ancient textbooks, monuments and mythological legends of esoteric science, now hoary with age and waiting to be re-discovered. This newly rediscovered information also allows us to consider the origin and creation of our known Universe as a blossoming, conscious Ultimate Being, instead of as a sudden explosion of "nothing" that scattered lonely, slow-burning nuclear furnaces into the paralyzing darkness of space.

We wish to thank Dr. Oliver Crane for developing many of the key concepts related to this model in his landmark 1993 paper, now ready to download online with a suggested donation of \$1, entitled Central Oscillator and the Space-Time Quanta Medium. [1] What we have in this chapter is a blending of Crane's central hypothesis with the knowledge that we have acquired from Johnson's physics as well as the ancient Vedic scriptures, which we feel has given us a more complete and unified model that fits together with the observable data.

6.1 CLUES ABOUT THE UNIVERSE FROM ANCIENT MYSTERY SCHOOLS

In almost all esoteric spiritual traditions, the Universe begins with the Oneness, which is shrouded in mystery. It is said to have the shape of a sphere, and we shall refer to this as the Universal Sphere. Or, from a mathematical perspective, we can think of this Sphere as a pure point, which has no "time" and "space" as we now think of it, thus both infinitely large and infinitely tiny, depending on your perspective from within it – and a point would indeed have spherical symmetry. Though we cannot truly speculate on its contents, its identity shows up in modern Russian physics as the "Absolute Physical Vacuum" or APV. It is quite mistakenly referred to by Terletskiy as "useless" since it has no movement within itself – and without movement, there can be no change, no time, no energy as we now think of it.

The traditions then tell us that the Oneness then chose to divide itself. This point is expressed in esoteric science as "the One divided into the Two." All of this occurs within the Sphere, which does not change its shape or form a double of itself like we would see in the division of a cell. This simple division of the energy within the Sphere created two main bodies of aether, which for simplicity's sake we will refer to as aether 1 (A1) and aether 2 (A2). Ultimately, we propose that all of Kozyrev's effects and all aetheric density levels or planes of space and time are caused by the dynamic interplay of these two basic forces in the creation of matter, as also seen in Rod Johnson's model of quantum physics. The next excerpt from Physics News suggests that two different major densities of aether (i.e. "dark matter") are at work in galaxies and superclusters. It is not necessary for the reader to understand this entire paragraph, simply the emphasized portion:

From Physics News:

DARK MATTER, LIKE LUMINOUS MATTER, IS HIERARCHICAL. That is, it congregates at the galactic level and at the level of galaxy clusters. This view is based on new observations made with the orbiting Japanese x-ray telescope ASCA, which recorded x-ray emissions from gas in the Fornax galaxy cluster (Y. Ikebe et al., *Nature*, 1 February 1996). The density of dark matter at any location is deduced from the density of the hot (up to 10^8 K) gas, which is probably held in equilibrium by the gravitational influence of the unseen dark matter thereabouts. The ASCA scientists suggest that one explanation of their measurements is the presence of two different kinds of dark matter. This is in keeping with some hybrid cosmological models which propose that cold dark matter (e.g., axions) influences affairs at the galactic level and hot dark matter (e.g., massive neutrinos) at the cluster level. (*Science News*, 10 Feb. 1996.) [emphasis added]

The above is just one of many pieces of the puzzle that suggest that two main forms of "aether" (dark matter) are at work in the Universe. Again, our key starting point here is that we have a Universal Sphere that has divided into A1 and A2 within itself. These aethers have slightly different vibrational speeds, expressed in the above excerpt as "hot" and "cold."

6.2 A1 AND A2 COUNTER-ROTATE INSIDE OF EACH OTHER

Next, and most importantly, we must see that the Universal bodies of aether 1 and aether 2 can counter-rotate relative to each other, or swirl in opposite directions, without causing much disturbance to each other:

- A1 swirls clockwise while A2 swirls counterclockwise at the same time, and they will mostly pass right through each other in the Sphere as this movement continues.
- Since A1 vibrates slightly faster than A2, A1 will also rotate slightly faster than A2 in the Sphere. This shall be seen as an important point later.

The bodies of A1 and A2 are fluidlike, in that they have spherical "field bubbles" that have the ability to flow around. This is supported by the work of Kozyrev, Mishin and others, who showed fluidlike activity and "currents" in the aether. However, these "field bubbles" also have inner Platonic Solid geometry that causes them to remain bonded in a relatively stable matrix formation with their neighbors. A1 bonds to itself as one spherical entity, and A2 bonds to itself as a separate spherical entity. Hence, this fluid-crystal geometric quality of A1 and A2 keeps them from blending into each other (homogenizing) all at once and losing their counter-rotating momentum. And, as they counter-rotate, their "field bubbles" can slip past each other like a superfluid, even though they are under very high compression. In a sense, this is similar to how people can pass through each other on busy city streets while walking in two opposite directions.

6.3 A1 AND A2 CONDUCT VIBRATIONS LIKE A SINGLE FLUID

Again, the fluid-crystal matrix qualities of A1 and A2 cause them to preserve their own inner geometric order, much like an elaborate Vedic mandala pattern, while they counter-rotate. This could be thought of as a form of inner magnetic attraction. However, if we start actually sending ripples (pulsations) through this Universal Sphere, the field bubbles of A1 and A2 will be bumping

into each other, conducting the vibrations (pulsations) as a single, unified fluid. These pulsations are the actual, true definition of torsion waves. This concept of A1 and A2 as a unified fluid is extremely important in understanding how the Universe actually functions, as it explains that all levels of aether, regardless of their density, are comprised of both A1 and A2. Thus, A1 and A2 could be thought of as the precursors to the Octave of aetheric energy densities that we discuss. This will become clearer as we progress.

6.4 A1 AND A2 COLLIDE TO FORM ELECTROMAGNETIC ENERGY (MATTER)

Most of the time, A1 and A2 slip around each other as they pass. However, if their geometries are properly aligned, they can and will blend together.

Electromagnetic energy is formed when the field bubbles of A1 and A2 merge together. Of course, we know that electromagnetic energy is the building block of all physical matter, according to Einstein and others. Such merging is obviously not allowed in conventional "particle" models.

So, let us now take this foundation and advance the next series of concepts, which operate on a fluid-dynamic model:

- The two fluidlike aethers are indeed counter-rotating inside of a spherical space, continually and easily flowing past each other with qualities of a "superfluid," meaning that unless their particles collide, there is literally zero resistance to their movement.
- As the two fluidlike aethers pass each other, some of their field bubbles will directly collide.
- When their geometric frequencies are properly aligned, the two different forms of energy of A1 and A2 merge together.
- Once A1 and A2 merge together, they are immediately compressed by the material that surrounds them on all sides.
- Similar to how a spherical bubble of air forms in water, the compression of the merged energies of A1 and A2 forms a miniature sphere.
- This creates a tiny replica of the Universal Sphere, a perfect microcosm of the macrocosm.
- Within this tiny sphere, the aetheric energies of A1 and A2 will continue to counter-rotate and swirl around each other just like they do in the Universal Sphere.
- This forms a vortex, which takes on a form of "gravity" by attracting A1 and A2 into itself via the Biefeld-Brown effect, as explained in Chapter Two.
- As these tiny spheres continue to attract more and more field bubbles from A1 and A2, they will gradually grow in size. This is not much different than adding new droplets to a spherical bubble of water and watching it expand in size.
- The "units" that are formed in this process form matter as we now think of it, via Johnson's model. Without A1 and A2 blending together, there is no observable matter.

With all that is written above, we have now set up the most important basic properties in this "aether" model of the Cosmos. Our next step is to map out exactly what structures would appear inside this Universal Sphere, meaning where the greatest number of tiny spherical "units" would form. Part of the answer can be found when we ask, "Exactly what will happen when we have a sphere-shaped body of liquid that rotates?" Then the rest of the answer is found when we ask, "Where will the greatest number of collisions between "field bubbles" be?"

6.5 VORTEXES COLLIDE IN THE CENTER, FORMING A SMALLER SPHERE

We have already explained in previous chapters how the spherical torus is a natural “whirlpool”-type formation that appears in a fluid, caused by rotational movement. In the rotating sphere of fluid, you see a whirlpool on both the north and south poles; on one pole the whirlpool will be spiraling “in” towards the center and on the other pole it will be spiraling back “out” from the center. Remember that both A1 and A2 exist in the same sphere, but they counter-rotate in opposite directions. This means that they will both create spherical torus formations that will share the same axis in the same sphere.

So now let us assume the following:

- The first aether (A1) spins in a clockwise motion, and this causes a whirlpool to flow in through the north pole of the Sphere and out through the south pole of the Sphere.
- The second aether (A2) spins in a counter-clockwise motion, and this causes a whirlpool to flow in through the south pole of the Sphere and out through the north pole of the Sphere.

If we consider the image of a ship that is caught in a whirlpool, we will remember that it spins around and around in giant circles, and continues to move faster and faster as it gets closer to the center of the vortex, where it is eventually crushed and submerged by the incredible pressures that are created there. So, when we take this whirlpool analogy and use it with our sphere, this means that the central vortex-axis of the sphere will have the greatest speed of movement, and also the greatest pressure. A1 pushes towards the center from the North and A2 pushes towards the center from the South. They both collide in the exact center of the Universal Sphere with the greatest speed of movement and the greatest pressure.

After A1 and A2 have formed and their counter-rotational movement begins, the moment when this vortex collision first takes place in the center is what mainstream scientists would call the “Big Bang.” The south-moving pressure of A1 collides with the north-moving pressure of A2, and much more of the field bubbles of A1 and A2 begin to merge together in this area than in any other. They form into the shape of a sphere in the center, since there is pressure pushing in on them from all sides. Electromagnetic energy is created, according to Johnson’s model of physics, forming visible light and matter. This sphere of energy begins to grow at first, as it absorbs more and more of the fluidlike energy “particles” of A1 and A2 into itself.

We could also think of this event as the birth of the first star in the Universe.

Luminous plasma is the original, basic form that is produced as the two aethers blend together. The next image that we see below comes from the work of Dan Winter, showing the whirlpool to the left, the torus formations in their opposing rotation in the middle and then a diagram from Dr. Walter Russell to the far right that shows how they come together and form a sphere. (From the image, we can see that Winter makes the simple mistake of not seeing that the two tori are both contained in the same spherical space and are able to swirl inside of each other, since he has visualized them as more akin to two donuts that are sitting on top of each other.)

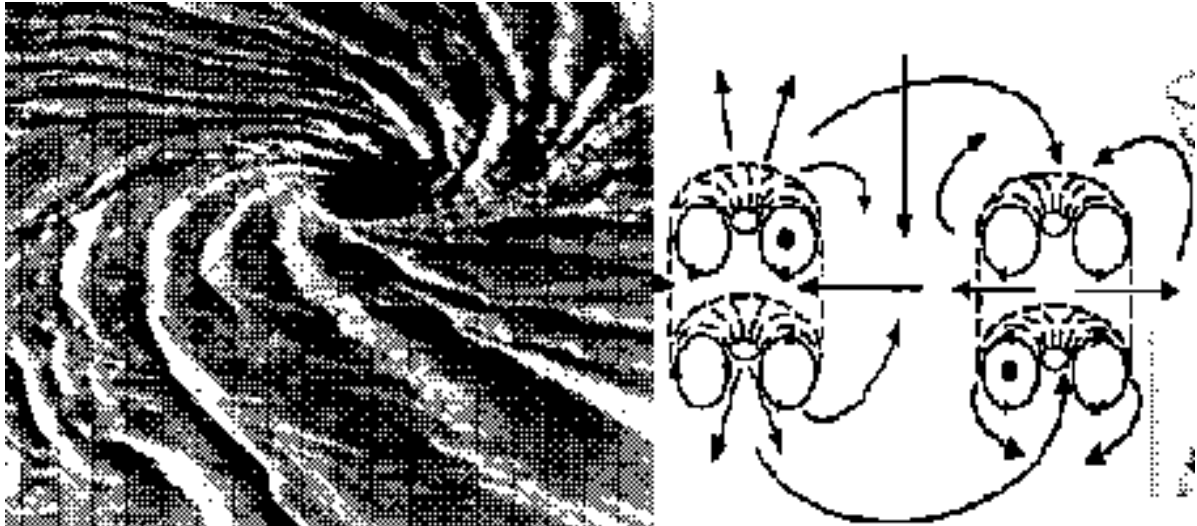


Figure 6.1 – Dan Winter and Walter Russell's image of counter-rotating vortex formations.

Dr. Walter Russell had a 39-day period of mystical illumination where he was capable of seeing much of how the Universe was structured and functioned, developing many of the key points of this new cosmology. From his diagram to the far right, we can get a good visual image of exactly how this Central Sphere is created by the two intersecting "whirlpools" of energy from either direction. Other illustrations by Russell, not pictured here, have a clearly visible circle in the diamond-shaped central area between the two spirals to show the sphere more easily.

6.6 ESOTERIC UNDERSTANDING OF "GREAT CENTRAL SUN"

Since we are indeed dealing with a sphere that is a luminous plasma, many esoteric schools of thought refer to this Central Sphere as the "Great Central Sun." Furthermore, this is also the basis for the mystical importance of the number three. If A1 is seen as "male" and A2 as "female," then in their "sexual" union they form an offspring that is a small image of the One, made from the material of both of its "parents." We see Trinity concepts emerge in many spiritual traditions, including the Vedic faith, the Egyptian faith and the Christian faith. The core archetype, as expressed by renowned scholar Joseph Campbell, is of a father and mother that form an androgynous son that is both male and female. This can be seen, for example, in the Egyptian myth of Osiris the father, Isis the mother and Horus the androgynous son. This is one example of how "exoteric" or non-metaphysical trinity doctrines could be shared amongst the uninitiated, while the stories cleverly concealed the deep, esoteric scientific facts with symbolism.

6.7 CENTRAL SPHERE BEGINS OSCILLATING (VIBRATING)

So, we now have the birth and growth of the Great Central Sun. Next, we discover that a pulsating rhythm is established in this central sphere, as follows:

- Once the luminous plasma that is forming within the central sphere reaches a certain size, the incredible surrounding pressure of the whirlpool vortex movements of A1 and A2 causes the sphere to collapse in on itself and implode.
- This implosion jams the luminous plasma together ultra-tightly.

- However, the plasma resists being compressed beyond a certain maximum level of density.
- So, just like an elastic ball would do under compression, the entire plasma sphere collectively bounces back against the surrounding pressure, causing it to explode back to its original size.
- As soon as the plasma sphere reaches its original size, the tremendous surrounding pressures cause it to implode once again.
- Since the sphere still cannot handle being compressed that tightly, it again explodes, and so the cycle continues, the sphere continually growing slightly larger each time due to the steady increase of the amount of energy streaming into it.
- This sphere is now what Dr. Crane calls a “central oscillator.”

In this model, the main energy fields of A1 and A2 in the Universal Sphere will maintain constant, steady speeds of rotation relative to each other, with A1 slightly faster than A2. This also means that the implosion-explosion cycle of the central sphere will pulsate with a steady, unchanging rhythm, breathing in and out, in and out. For this reason, esoteric traditions refer to it as the “Breath of the Divine” or the “Universal Heartbeat.”

6.8 OSCILLATIONS OF CENTRAL SPHERE HARMONIZE WITH THE “SECOND”

Clear evidence also points to the fact that each major pulsation of the Great Central Sun is in perfect harmony with the unit of time that we call the second. This probably seems absurd at first, but we shall see in the next chapter that it is exactly where we are led by the data; and it also traces back to the ancient past, both in the Sumerian and Mayan civilizations, as readers of our previous volumes already will know.

Let us also remember that the second is not the only time interval that we need to look at, as when we are dealing with vibration we will have many different wavelengths all moving together, just as we have many different overtones that ring when we pluck a musical string. Dr. O. Crane believes that there is a different “nested” sphere within a central oscillator for each major pulsating frequency that it produces; and thus he feels that **any star will be found to have a multi-layered structure like an onion.** As a hypothetical example, the outer sphere may pulsate once per second, the next inner sphere may pulsate two times per second, the next three times per second, the next five, the next eight and so on, following the “phi” ratio. Other ratios, such as the square roots of 2, 3 and 5 as well as “e” and pi, are likely to factor in as well.

So again, based on this assertion, we will see various harmonics of pulsation that are much smaller and much larger than the second, but they will always be related to it in exact intervals.

6.9 SONOLUMINESCENCE: PROOF OF CENTRAL OSCILLATOR THEORY

As we indicated in Convergence III, it is interesting to point out here that a nearly exact duplicate of this “central oscillator” phenomenon has been demonstrated in the laboratory by the little-understood phenomenon of “Sonoluminescence,” first observed in 1934 by H. Frenzel and H. Schultes and brought to the modern eye by D.F. Gaitan in 1988 and S. Putterman et al. in 1995. The overall nature of this experiment rather closely mimics the

conditions of the Universal Sphere and the central oscillator of luminous plasma that is then formed.

In this experiment, a spherical glass flask is filled with water, and vibrated on either side with high-intensity sound waves that are directed towards the center of the sphere. Then, a single tiny air bubble is introduced by a thin glass straw into the central area. The bubble is able to be suspended in the exact center of the jar by the colliding pressures of the sound waves, which in and of itself is an interesting fact of harmonics. Then, the bubble begins an even rhythm of collapsing and expanding. Each time that the bubble collapses, it gives off visible light, forming a luminous plasma, and the pulsation is so rapid that the light appears to be constant.

Surprisingly, Putterman et al. determined that the internal bubble compresses to 1/100,000th of its original size each time, and vibrates with extreme regularity every 100 millionths of a second, giving off a trillion times more energy than any single atom in the tiny bubble could have gained from the sound waves. Dr. W.A. Steer later determined that even a one-millimeter deviation in the flask from being a true sphere will cause the effect to dramatically weaken. Figure 6.2 shows the basic experimental setup for a Sonoluminescence experiment. It was taken from Dr. W.A. Steer's web page, which is no longer available online at this time.

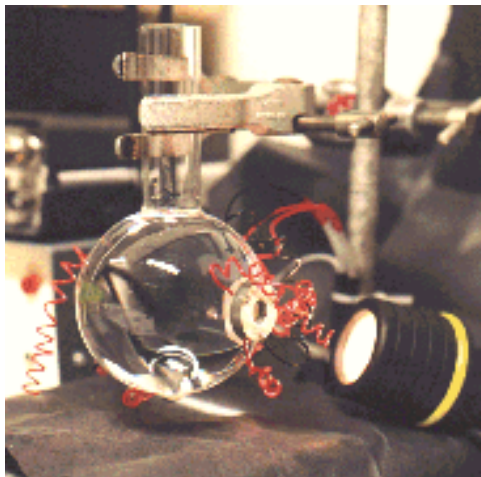


Figure 6.2 – Dr. W.A. Steer's basic Sonoluminescence experimental setup.

Sonoluminescence remains an unexplained mystery for mainstream science. First of all, we should notice that the pulsation of the bubble is in exact intervals of 100 millionths of a second, showing its precise harmonic connection to the second as a unit of time. Secondly, no one has been able to figure out why the simple compression of an air bubble would create visible light at such high energetic intensity – there is nowhere near enough energy for any fusion process that we now know of to occur. In our new model, we would say that the forced combination of A1 and A2 inside the air bubble produces the visible light that is seen as the bubble collapses each time. Thus, a miniature "matter generator" is formed by duplicating the same conditions as existed at the formation of our Universe.

Even more interestingly, recent research has shown that more than one rate of pulsation for the central oscillating sphere can be produced in the laboratory:

From Physics News:

SONOLUMINESCENCE CAN BE CHAOTIC. Previously, researchers have observed sonoluminescence to be remarkably stable: when applying sound waves to a liquid and thereby creating light flashes from collapsing bubbles, they observed that the time between successive flashes remained constant. However, new experiments, performed by R. Glynn Holt of JPL (818-393-6946) show that slight adjustments in experimental parameters (such as sound wave frequency and intensity) away from these stable conditions can lead to variations in the time between successive flashes. Taken as a sequence, the variations in successive flashes exhibit chaotic or other non-periodic characteristics. For example, the experimenters observed quasi-periodic behavior in which the timing between flashes could be broken down into two frequencies... (R. Glynn Holt et al., Phys. Rev. Lett, 28 February 1994.) [emphasis added]

So, in the humble sonoluminescence experiment, we have a central oscillator of luminous plasma that is formed, which is giving off light and can be made to pulsate at two different frequencies. This gives more scientific support to the concept that simple pulsation can cause electromagnetic plasma energy to form in the center of a spherical fluidlike area of volume. While on this topic, it is also interesting to point out that there are very high-energy luminous objects in the Universe that are seen to pulsate rapidly, known as "pulsars." Much of their observed behavior still remains a mystery to mainstream science, but such objects are perfectly accounted for in this new model.

6.10 PULSATIONS OF "GREAT CENTRAL SUN" REVERED IN ANCIENT TRADITIONS

As we had stated previously, in the next chapter we will establish the second as a key harmonic time period for the pulsations of the Great Central Sun. Native Americans, (who appear to have inherited this knowledge from an ancient advanced civilization,) symbolize this Universal Heartbeat by the drum, which is beat at a steady, unchanging rhythm. The pulse is typically very close to being four beats per second, with a stress on the first of each four beats. This suggests, again, that all human beings have a deep, inner awareness of the importance of the second. Drummers know that a majority of pop songs are 120 beats per minute, which gives two beats per second just like a heartbeat, perfectly in tune with the Great Central Sun. Slower songs have a relaxing effect and faster songs have an exciting effect. The human heart is known to have an average pulse of 60 beats per minute.

Let us not forget that these rhythmic pulsations of the Great Central Sun can also be likened to that of a breathing movement. In the Vedic scriptures it is said that "the science of breath is the single deepest secret of all esoteric traditions." Meditation is used as a means of emulating this energy process. By imagining the slow, rhythmic breathing movements of your own body in meditation as being the Universal Heartbeat, and / or the counter-rotating movement of the arms and legs while walking, you can experience higher states of consciousness, feeling that you have merged your own being with the Ultimate Being. Hindu traditions also teach the Initiates to match their breaths with certain numbers of beats in their heart rate, thus creating two steady rhythmic frequencies between the heart and the movement of the

diaphragm and lungs.

6.11 CENTRAL OSCILLATOR CREATES NESTED SPHERES OF ENERGY DENSITY

The next point that we need to address is that wave-based structures in the aether are created as the central oscillator pulsates. Again, both A1 and A2 behave as fluids that are continually swirling through each other in counter-rotational movement, and that they can act as one unified fluid when vibrational pulses pass through them. Therefore,

- The continual pulsations of the central oscillator produce spherical wave-pulses or ripples (torsion waves) which will move out through the collective body of aether formed by A1 and A2.
- These torsion-wave-pulses then reach the extreme outer boundary of the Universal Sphere.
- Once the pulses reach this boundary, they bounce off of it.
- They are then reflected directly back towards the exact center of the Universal Sphere.

The next point that we need to see is that:

- The Great Central Sun obviously pulsates faster than the time it takes for the spherical pulses to travel to the outer boundary of the Universal Sphere and then be reflected back.
- Multiple pulses travel throughout the collective medium of A1 and A2 in even sequences of time, since the Great Central Sun pulsates at a steady rhythmic frequency.
- The out-going spherical pulses collide with the in-flowing spherical pulses in various layered areas of the Sphere as they continue their steady patterns of movement.
- These colliding wave-pulses form perfectly spherical “standing waves” that remain still, in the same place, existing in a state of balance.
- Multiple “standing waves” then nest around the Great Central Sun, giving a layered, onionlike appearance to the vibrational energy structure of the Universe. The Great Central Sun will be in the middle, and the spherical standing-wave layers will extend all the way out to the very edge of the Universe.

6.12 ANCIENT SCIENTIFIC KNOWLEDGE AGAIN PRESERVED IN SYMBOLIC FORM

This universal structure of ‘nested spheres’ is a key feature of esoteric science, as Manly Palmer Hall explained in Secret Teachings:

The homely onion was revered by the Egyptians as a symbol of the universe because its rings and layers represented the concentric planes into which creation was divided according to the Hermetic Mysteries (from the visions and teachings of Hermes.)

Indeed, the concept of a set of “nested spheres” that all share a common axis has been secretly encoded worldwide in ancient mythology by referring to it as the “Cosmic Tree” or “World Tree.” In our previous volume we demonstrated how the World Tree is the single most prevalent ancient teaching throughout mythology worldwide, literally emerging in almost every ancient culture that has ever been studied, from the Maya to the Chinese to the Siberians to the Egyptians to the Scandinavians to the Celts. Consider

Figure 6.3, which is an image of the Shinto goddess Quan Yin:



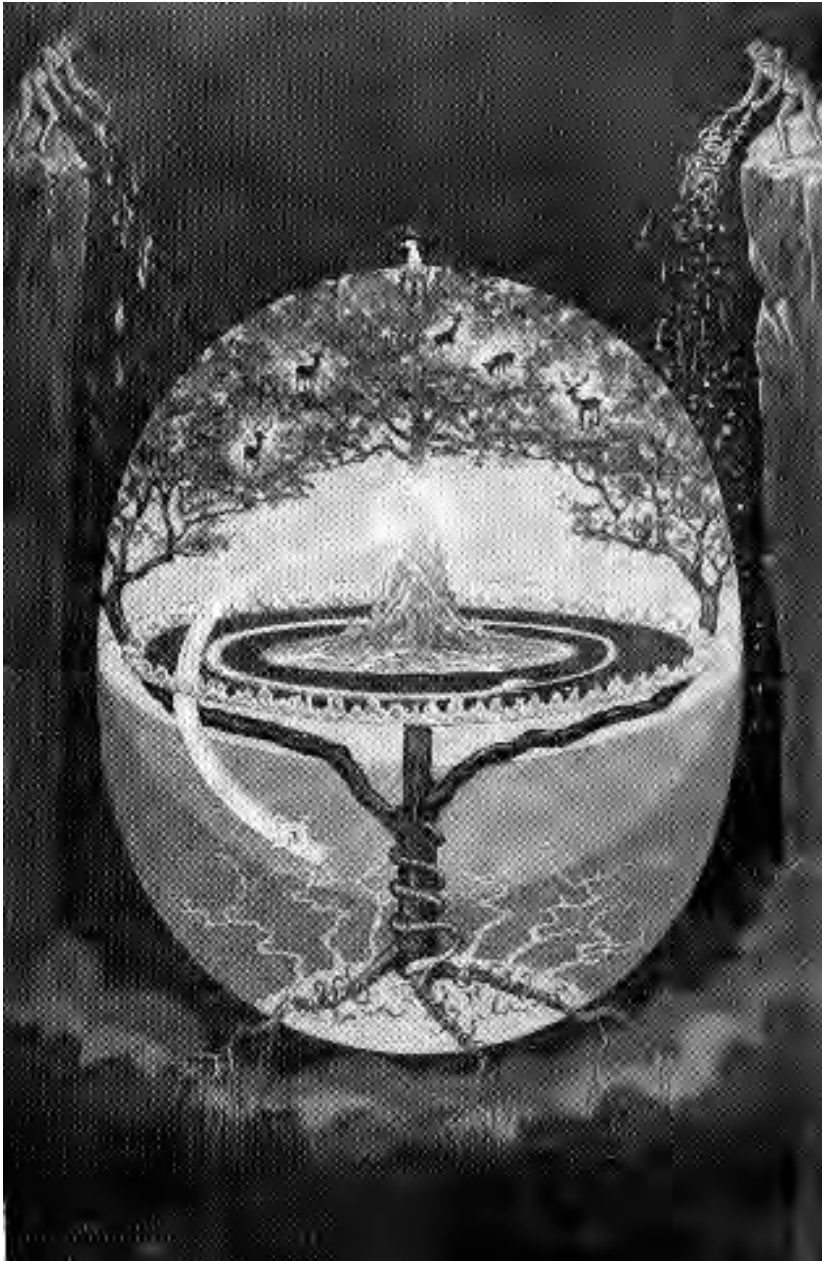


Figure 6.3 (L) – The

Shinto goddess Quan Yin, showing hidden symbolism of the spherical torus and nested spheres.

Figure 6.4 (R) – Manly Palmer Hall's rendition of the Yggdrasil, showing clear evidence of spherical-torus structure.

As we study this image of Quan Yin, we can clearly see that her body was intended to illustrate the axis of a spherical torus, and that multiple layers of "nested spheres" surround her. Furthermore, her elaborate headdress shows the energy vortex of A2 reaching up into a smaller cone, while the wider cone of A1 is seen behind it, moving in the opposite direction.

Figure 6.4 is Manly Palmer Hall's rendition of the Scandinavian world tree legend known as the "Yggdrasil." Though his drawing does not adequately illustrate every concept, namely that of the "branches of the tree" actually being spheres nested inside of each other, we can clearly see the hidden spherical torus that the legend is describing.

The Yggdrasil legend is particularly remarkable because of the serpent that is said to be coiling around the base of the tree. This is an obvious illustration of the whirlpool-style action of the vortex movement of A2 as it accelerates into the center of the Sphere. As we go along in this chapter, we will see that this image reveals other secrets as well. In our previous volume we speculated that the worldwide prevalence of this myth is due to the attempts of human seers to visually explain the spherical-torus energetic structures of the Universe that they witnessed when traveling out-of-body.

6.13 EACH SPHERE IN THE "NEST" HAS A DIFFERENT AETHERIC DENSITY LEVEL

Thus, layer after layer of spherical energy fields will form between the 'central oscillator' and the outer boundary of the known sphere of the Universe. These "standing waves" will be nested together much like the layers of an onion, and the interactions of A1 and A2 at their boundary surfaces will form small amounts of luminous plasma, generally too weak to be visibly detectable. More importantly, due to the wave-interference patterns being different for each sphere, each of these nested spheres will have a different aetheric density.

Obviously, there is more energetic power and strength when a pulsation is first excited away from the central oscillator than when a pulsation has traveled all the way out to the edge of the sphere and back. As the impulse continually causes field-bubbles to collide with each other, a greater amount of the momentum is lost. Therefore, the areas of highest aetheric density will be towards the center of the sphere, since these areas will have the strongest, most energetic out-pressing force with the weakest, least energetic in-pressing force to counterbalance it. Consequently, the spherical areas closest to the far edge of the sphere will be lowest in density, since the push-pull of the spherical waves will be just about equal, thus reducing the amount of compression and pressure.

So, the spheres that are closest to the central oscillator will have the highest density and pressure, and they will continually decrease in density as we move towards the outermost edge.

6.14 THEORETICALLY INFINITE NUMBER OF DENSITY LEVELS

The next key is to understand that there are theoretically an infinite number of different spheres all nested inside of each other, similar to a fractal formation. However, they are well organized into layers, so that their infinite structure is not immediately apparent. If we have seven major densities, forming seven major spheres, then within each of those densities are seven layers of sub-densities, and within each sub-density there are seven layers of sub-sub densities, and so on. Thus, there is a smooth transformation from the highest density at the center of the sphere to the lowest density at the outer edge, since there are infinitely gradual changes as you move through all the nested harmonic levels. The recent discoveries related to fractal formations have shown us that "infinite recursiveness" is one of the most fundamental properties in the Universe. As you go smaller and smaller in size and scope, you continue to see the same structures emerging. The more sophisticated your instrumentation is, the subtler your measurements can become. This can

also be done with the study of sound or color as well.

Despite the infinity of sub-levels within each major density, as we move into the Octave level there is again Oneness and singularity. Therefore, it is important to remember that there is a ceiling for how high these vibratory levels can go. They are infinite within the parameters of the Octave, but you cannot move outside of those main parameters. The Octave is a basic law of harmonics and vibration, seen in the study of music. This has been covered more deeply in previous volumes.

6.15 QUANTIZED WEIGHT CHANGES EXPLAINED

We now have the information that we need to explain one of Kozyrev's most anomalous observations, namely that the rising or falling of an object's weight always occurs in certain quantized intervals. From a perspective where all levels of aetheric density are visible, a displacement of energy from one density to another might only appear similar to a change in geometry, color or sound. **However, to our third-density sensory organs and instruments, when an object displaces into a higher density it seems to disappear,** much as David Hudson's monatomic iridium did once it reached 850° Celsius.

Now let's return to Kozyrev's model. In the case of molecules, when their weight increases we are having higher-density energy flow in to become matter, and when their weight decreases, some of their matter-energy is being displaced into a higher density. Most of this action is occurring in the nucleus (central oscillator) of the atom, since that is where the greatest amount of "mass" resides. Therefore, what appears to us as a fluidlike increase or decrease in an object's weight will always involve discrete spherical energy levels either displacing into a higher density or flowing back down from a higher density into our own. In all cases, as the energy composition of the individual spheres changes, they will either appear or disappear spontaneously from our density. This is why we see "quantized" weight increases or decreases in Kozyrev's experiments.

6.16 GRADUAL INCREASE IN DENSITY LEVELS AS SPHERE EVOLVES

Another interesting factor that we should consider is that up to a certain maximum expansion point, the central oscillator will continually take on greater amounts of A1 and A2, forming more luminous plasma and thus increasing its physical size. As the size of the central oscillator gradually increases, the areas of higher density will spread farther and farther away from the center, like slowly expanding ripples on the surface of a pond. If we hypothesize that the outermost edge of the Sphere is under constant pressure and cannot be increased in size, then we can imagine the entire inside area of the sphere taking on a higher and higher level of aetheric density and compression over time.

Indeed, eventually all of the available energy of A1 and A2 within the Sphere would be consumed, at which time maximum aetheric density has been attained, and gravitation-style forces will take over. Then, the aetheric energy at all density levels will quickly begin to collapse back into the center. This is the shift into Oneness that esoteric traditions insist is shrouded in mystery, similar to the concepts relating to a black hole where there is no space and no time. It is believed that eventually the entire Universe must collapse back into

this point of singularity, and this would represent the conclusion of the path of evolution for this Ultimate Being.

6.17 STAR EVOLUTION

This process of expansion and contraction can be seen in the evolution of stars, where they start out as small Sun-like objects and continually increase in size. This is typically explained as the stars consuming greater amounts of their nuclear fuel, thus expanding as their pressure reduces, but it fits perfectly in the new model. As stars grow larger, their color shifts from yellow to orange to red, and they eventually become "red giants." Once our Sun becomes a red giant, it will have engulfed all of the planets in their current positions. Once the red giant reaches its maximum size, it collapses, and this sudden rush of imploding energy soon forms a brilliant flash of white light, known as a supernova. After the supernova has occurred, a highly compressed and very small area of matter remains, known as a white dwarf, which eventually cools further into a brown dwarf. In conventional models, it is calculated that one teaspoon of the matter in a white dwarf would weigh more than the entire Earth.

It is also interesting to think about the fact that our Solar System is positioned right near the outer edge of the Milky Way Galaxy. Could it be that an expanding sphere of higher-density energy is now moving into our own area, closer to the edge of the Galaxy? In Chapter Eight we will survey the hard, scientific data, gleaned from observational evidence, which shows that these "nested spheres" of energy density do exist at the galactic level, and in Chapter Nine we will discuss how such an apparent change in the density of the local interstellar medium (LISM) is affecting our Solar System now.

6.18 THE ENTIRE UNIVERSE IS ROTATING

The next major point in this chapter is to see that **the entire Universe must be rotating.** This is based on our simple premise that A1 rotates faster than A2. As matter is created in the Universe, it is all being simultaneously affected by the extra momentum of A1. We already know that rotational motion exists at the quantum, interplanetary and galactic level, so based on the fractal principle we should also see this in the Universe. In the next chapter we will survey the scientific evidence to back up this argument.

6.19 A FLAT DISC AREA OF EJECTED MATTER FORMS IN THE SPHERE

Our next point explains why matter will take on a "flat" disc shape in the Universe, such as in galaxies. This is extremely important for the reader to understand at this point:

The greatest amount of pressure in the entire Universal Sphere will be the inflowing of A1 and A2 along the north-south axis. This also means that from a perspective of pure geometry, the least amount of pressure will be along the ecliptic plane, which is the flat area that spreads out along the Equator of the Universal Sphere, perfectly horizontally. Physicist Dr. O.E. Wagner, who also has developed an aetheric cosmological model, refers to this low-pressure area as a "zone of cancellation."

The regions of greater pressure that are above and below this ecliptic plane

will push in on it from the top and bottom, creating a zone of compression not unlike the flat line that forms between oil and water when they are at a state of rest. Dr. O.E. Wagner refers to this as "destructive interference."

This low-pressure area is ultimately filled with matter that is thrown off from the Great Central Sun. The throwing-off process in the Great Central Sun is also caused by the fact that there is more pressure at its north and south poles than there is along its equator:

The imploding vortex-energy of A1 and A2 causes a higher pressure to form on the top and bottom of the Great Central Sun than the pressure that is formed along its equator.

We remember that the entire combined structure of A1 and A2 in the Universal Sphere is in a state of rotation, with A1 moving slightly faster than A2. This means that all matter-energy that is formed will rotate as well. Thus, since the entire Universal Sphere is rotating and a low-pressure zone exists along the ecliptic plane, an out-spraying centrifugal force is created, similar to how water droplets will shoot off of a dog's body when it shakes itself dry.

- The Great Central Sun continues its breath-like pulsations, while rotating and being compressed more strongly from the top and bottom than along the equatorial region.
- As a result of this system, some of its combined A1-A2 matter-energy is released in bursts from the equatorial region.
- These bursts of matter-energy then spray out along the low-pressure zone of the ecliptic, radiating out in spiral form, similar in structure to the arms of a galaxy.
- If the entire Universal Sphere were not rotating, then we might expect to see straight-lined spokes along the ecliptic plane as energy pathways. However, the "drag" that is created by the rotation of the entire Universal Sphere causes these rays to curve into a spiral structure, just as the arms of a spiral galaxy appear.
- Geometric forces, such as the four nodes that comprise the middle of the octahedron, can cause the bursts to be released in two ways:
 - Across the entire equator of the Great Central Sun at the same time. This forms rotating rings that will balance out at certain orbital position. Or,
 - From single areas along the equator. If a burst is released from one node in the geometric energy structure, such as one of the four nodes at the equator of the octahedron, then smaller spheres of matter are formed that will soon duplicate the behavior of the Great Central Sun.

Once new spheres have been ejected out into the ecliptic plane, the standard "rules" then apply:

- The counter-rotating energies of A1 and A2 in the smaller ejected spheres are then compressed by the surrounding pressure.
- This causes them to rhythmically implode and explode in the same way as the Great Central Sun, so that they too form central oscillators.
- From there, each of the smaller spheres then precisely duplicates the pattern of the entire Universe within itself, with all the same basic behaviors as listed above.
- These new forms will appear as stars, but they are actually proto-galaxies at this stage.

Now, if we turn back to Figure 6.4, Hall's illustration of the Yggdrasil "tree," we

see that this legend also captured the importance of the ecliptic plane, showing both rings and solid bodies. Many, many other legends describe this ecliptic plane as well, which we covered in Chapter 15 of the previous volume.

6.20 THE FRACTAL STRUCTURE OF THE UNIVERSE

Thus, as the Great Central Sun releases more and more of its matter-energy pressure along the ecliptic plane, untold numbers of new “primordial stars” spurt out along spiraling pathways, forming the arms of a gigantic Super-Galaxy that is our Universe.

- Each of these primordial stars will then eventually repeat the same pattern, forming galaxies from their own central oscillators.
- Within each of these galaxies are eventually formed billions of stars by the same process.
- Each of these stars operate according to the same pattern, and gradually eject new planets along their ecliptic planes.
- The newly-created planets eventually follow the same pattern, ejecting moons and rings along their ecliptic planes.
- Meanwhile, in smaller and smaller harmonic subdivisions of energy, the quantum world is churning along according to the same principles, as seen in Johnson’s physics and related aetheric models.
- Thus, ultimately every atom is a perfect hologram of the Universal Sphere, showing us that the Universe is structured on a complete fractal principle.

It is seen that each atom, each corpuscle, has within same the whole form of the universe - within its OWN structure. (Edgar Cayce Reading 281-024, 6 / 29 / 35)

One obvious consequence of this line of thinking is that planets have been born from the Sun rather than having condensed from a planetary nebula of gas and dust. Skeptics will quickly argue that this model of planetary formation contradicts many prevailing scientific viewpoints. Yet, this Sun-centered model of planetary formation solves many paradoxes in the current model, such as the fact that at least two nearby supernova explosions are required for the model to work, but there is no evidence of any such explosions having occurred nearby (Grandpierre, 2000.) This model is presented by Dr. Walter Russell’s cosmology, that of the Vedas, many Russian scholars and others yet unseen by this author. It also dates back to a famous 18th century thesis of Immanuel Kant that was further expanded upon by Pierre Simon de Laplace.

Conventional science discounted this concept of planetary formation when James Clerk Maxwell later proved that gravity was far too feeble to lump rings ejected from the Sun into planets. However, here we must remember that we are dealing with forces well beyond those of gravity, and that the geometry involved can cause bursts of energy to emerge in certain discrete areas of the star’s equator. Here, we shall briefly note that the work of Geoffrey Hardy entitled *Genesis Continuous* presents quite a strong case that the existing models of planetary formation are incorrect, and that planets must actually be ejected from the parent star. As one example, the gaseous planets simply do not have enough time to gather their atmospheres in the conventional models of planetary formation. The work of Richard Pasichnyk makes a case for the planets being birthed from the Sun as well. The weight of evidence cannot be ignored, though we leave it to the reader’s discretion to survey these

materials.

This model of planetary evolution will prove to be very important in later chapters when we discuss species evolution on Earth.

6.21 THE UNIVERSE IS A SELF-REPLICATING ORGANISM

It shouldn't be too difficult for us to see at this point that the Universe itself is an Ultimate, Living Being, and that it creates offspring that are formed in its own image. Though this model is somewhat complex, the behavior of the spherical energy fields of the Universe shows us all the basic qualities of a self-replicating organism.

So, the next question is, "Where do we see these energy fields at work?" If this model is true, then there should be ample evidence to prove it. In the next chapter, we shall look at the overview of cosmological evidence that shows this model at work. On each level of size we will see the Sphere, the counter-rotating energy fields, the central axis of the sphere, the Central Oscillator, the "nested spheres" of varying energy density and ejected matter along the disc-shaped ecliptic plane. We will discuss each of these size levels separately, in order to best organize the information and to allow us to glimpse a complete Unified view of the Divine Cosmos.

REFERENCES:

1

Crane, Oliver et al. Central Oscillator and the Space-Time Quanta Medium. Universal Expert Publishers, June 2000, English Edition. ISBN 3-9521259-2-X.

2

Deen, Glen. The Physics of an Episodic Quantized Redshift. March 26, 2001.

3

Grandpierre, Attila.

4

Hardy, Geoffrey. Genesis Continuous.

5

Pasichnyk, Richard. The Living Cosmos. 2000.

6

Russell, Walter. The Universal One.

7

Steer, William Andrew. Sonoluminescence. (Sphericity) 1998. URL:

8

Wilcock, David. Science of Oneness. April, 2001. URL:

CHAPTER 07: SPHERICAL ENERGY STRUCTURES IN THE COSMOS

CHAPTER 07: SPHERICAL ENERGY STRUCTURES IN THE COSMOS

7.1 MAGNETIC FIELDS AND "VACUUM DOMAINS"

Naturally, much of the basic structure of the spherical-torus energy field discussed in the last chapter can be seen in magnetic fields. Tesla was the first to discover that magnetic fields are continually rotating, though no adequate explanation for this has ever been given until now. It is also not known why **good magnets will continue to last for well over 1000 years without decreasing in strength.** In our new model, a bar of iron ferrite or a metallic planetary core is not required for a magnetic field to form; the field is created when aether 1 (A1) and aether 2 (A2) flow together in the basic spherical-torus form. The north-south orientation of the molecules in the magnet simply allows this energy current to be harnessed.

"Ball lightning" is one of many examples of a stand-alone magnetic field that have been observed, and as we published in our previous volume and here in Chapter Five, such luminous plasma spheres have indeed been produced in the laboratory through the work of Schappeller, Searl, Roschin & Godin's replication of the Searl Effect and others. In the previous volume we also covered the phenomena of "Vacuum Domains," which are spherical energy formations of different sizes that can possess the following, very anomalous effects:

- 1 [Vacuum Domains] are capable of penetrating through matter at will;
- 2 They can emit or absorb light and other electromagnetic radiation in the wide frequency range;
- 3 They can cause electronic devices to stop functioning because of the strong electric field that they produce both inside and outside of themselves;
- 4 They will exhibit a measurable magnetic field;
- 5 They can distort gravitational fields, causing objects to levitate or to become heavier;
- 6 They can cause air and dust to rotate inside of themselves, since they are in a constant state of rotation;
- 7 They can have explosions that do not necessarily change their form and size;
- 8 They possess a definite geometric form such as a sphere or "ellipsoid," which is basically a stretched-out sphere; and lastly,
- 9 They will be seen and reported far more frequently in the years when the Sun's activity has reached its peak.

Most importantly, the advanced physics of Dr. V.L. Dyatlov have clearly demonstrated that these formations can only emerge when two forms of aether are blended together, known from Terletskiy's model as "physical vacuum of matter" or PVM and "physical vacuum of antimatter" or PVA. (Of course, here we have called them A1 and A2, as we feel that the matter / antimatter classification is too limiting of a definition since both are required to produce matter.) The key here is that "Vacuum Domains" represent what happens when A1 and A2 blend together without being able to stabilize fully enough to create lasting matter/energy. They very actively draw from the surrounding gravity and torsion-wave energy to try to stabilize themselves, and thus create anomalous effects. We can also visualize them as a "bubble" of one aether that has been introduced into the other, similar to what would happen if we suddenly release oil into water. In that case, we would see spheres of oil appear, but they would only last for brief moments.

Briefly, we will bring back an excerpt from our previous volume that shows the different forms that these domains can take, as seen from the work of Dr. Aleskey Dmitriev and Dr. V.L. Dyatlov:

7.2 ANOMALOUS "VACUUM DOMAIN" PHENOMENA

- 1 Ball lightning. According to the authors, this is the most well known and studied anomalous phenomenon, and it displays all nine VD properties. Most scientific papers do not mention any effects of levitation occurring with ball lightning, but this is simply because the ball lightning is so small that it would be hard to see. The typical formation of ball lightning will be between 10 and 30 centimeters in diameter. Some have reported seeing dust particles rotating inside of ball lightning.
- 2 Natural self-luminous objects or "plasmoids." Here we have objects that may be seen with the naked eye as bright balls of light, and may show up even better on film if they are photographed. They usually appear near the areas of the Earth where there is the most energetic activity, in the form of earthquake-producing faults in the crust. They have similar properties as ball lightning, and in this case the large-scale effect of levitation is more likely to be seen. The authors refer us to a case in Russia known as the "Sasovo explosions," described by A. Yu. Olhovatov, where these formations were witnessed as being capable of levitating objects as well as producing the explosive effects mentioned in property number 7 in the above list. The images in the study show these clearly.
- 3 Poltergeists. While some cases of "haunting" may involve real entities in a nonphysical form, others appear to be cases where a VD penetrates through the walls of a person's home. In these cases, a ball-like, slightly glowing energy is seen that can levitate objects, create electric and magnetic fields, spin the water inside drinking glasses and fishbowls and also cause damage to people. If the phenomenon is seen to occur repeatedly, it might be because the house is built over an area of the Earth that is more energetically active and thereby capable of producing these formations. Certain people, especially disgruntled teenagers, are able to direct the movement of these formations, since they are inherently created from intelligent energy.
- 4 Tornadoes. All of us are familiar with the violent funnel-like cloud formation of a tornado, which can create immense damage and levitate objects essentially intact. The study of tornadoes is so important that Dr. Dmitriev actually tackles it in an entirely separate paper entitled "Electrogravodynamic Concept of Tornadoes," also on the Millennium Group website at www.millenniumgroup.com. Most of the nine properties on the list are associated directly with tornadoes, including the appearance of visible forms of light. In the "Tornadoes" paper, Dmitriev refers to the following case:

In 1951 in Texas a funnel passed over an observer at a height of 6 meters, the interior having a diameter of about 130 meters with walls of 3 meters' width. Inside the hollow there was a [pulsating] brilliant cloud, [or central oscillator.] There was no vacuum inside, because it was easy to breathe.

In other cases, "swarms of ball lightning" and other luminous phenomena including "continuous glowing light" and "continuous lightning" are seen in and around tornadoes. Other anomalous phenomena involving gravity and the interpenetration of matter [were discussed in the previous volume as well, since aetheric energy displacements to higher densities frequently occur in tornadoes.] The idea of an "air suction" to explain the anti-gravity effects inside a tornado is not sufficient, especially if a person can breathe inside.

- 5 "Angels." This term refers to a special kind of radar interference that all systems must contend with. In the early days of radar, there were cases where blips appeared on the screen that appeared to be airplanes or missiles. The engineers realized that these were not actually physical objects and referred to them as "angels," and now radars are built so that they will not mistakenly detect these formations. The authors suggest that "angels" are the same as "natural self-luminous formations," as they both occur directly over tectonic faults. In the case of NSLFs, they are detected just above the faults, whereas "angels" are typically detected some kilometers above the faults.
- 6 "Small Comets" or "Atmospheric Holes." These were seen on ultraviolet images of the Earth taken at high altitudes. About 20 times a minute, large black holes are seen to form in the upper ionosphere, each of which is approximately 30 miles wide. The conventional hypothesis, put forth by those who discovered this, is that these holes are being produced by "small comets" of snow and ice. However, if this many comets were constantly hitting the Earth, they should be also colliding with the Moon as well, but there are no tremors on the Moon's surface to correspond with such events. Therefore, the authors consider that these may be caused by vacuum domains as well.
- 7 Ionospheric and atmospheric explosions. In this case, the name is self-explanatory. Many people have heard spontaneous loud explosions with no apparent source, and without any signs of inclement weather. These explosions are associated with luminescent forms of spherical geometry that have also been seen to penetrate matter.
- 8 Lithospheric pipe explosions. These are phenomena that occur within the Earth's lithosphere or crust, which can conduct electromagnetic fields and can have an elastic, pliable quality. Geologists have observed sudden pulses or explosions of heat within the lithosphere, where an elongated elliptical tube known as a "kimberlite pipe" is formed immediately thereafter. [Often, the inside of these pipes will be lined with diamonds, and they are well known to the Eskimo people, as we stated in Chapter Five.] They are self-luminescent explosions that produce electromagnetic emissions, and, at least in Russia, they are considered "the great mystery of modern geology."
- 9 "Sprites", elves and jets. These anomalies have only been recently discovered, and conventional explanations for them are still fairly weak. Above thunderstorm clouds, brief and very large flashes of light can appear up to 100 kilometers in height. They often appear blue or red depending on their height. Most importantly for Dmitriev et al., these formations are often associated with the most intense groupings of lightning strikes that are moving from the clouds to the ground. This suggests that the lightning is somehow combining with energy from the Earth to cause these luminous flashes to form.

10

Luminescences associated with earthquakes and volcanic eruptions. According to Dmitriev et al., almost all earthquakes and volcanic eruptions are accompanied by the sighting of luminous formations. They may be seen before, after or during the events themselves, and therefore are very closely timed with the events.

In our previous volume, the above ten points were then followed by another observation that Dmitriev and Dyatlov had missed – the enigma of "NASA UFOs," which are spherical energy forms that have been detected on many different pieces of NASA footage. These appear to be originating from within the Sun. Another candidate for "Vacuum Domains" is the "Rods" phenomenon, where helical tubes of faint, luminous spiraling energy are seen to be zipping around at high speeds on certain videotapes. It is possible that these documented "Rod" sightings are of vacuum domains whose spiraling central axis is more visible than the surrounding sphere.

These formations certainly have their place in a Unified cosmology, and they help to show us the reality of the existence of A1 and A2, since Dyatlov has rigorously demonstrated that we must have two different "aethers" that blend together in order to solve the puzzle of their formation. However, in this chapter we are more concerned with the stable, commonly observed structures in our Cosmos that demonstrate the unified model that we set forth in

the previous chapter.

7.3 THE PLANETS

On his Living Cosmos website, Richard Pasichnyk revealed that almost all the planets have been observed to either have a visible ring or a current of energy that emanates out along the flat plane of the Equator, which is known as the ecliptic. Saturn simply has the most visible ring out of all the planets, but the majority of the others have been found to have them as well. No solid conventional explanation exists for this. Furthermore, most of the planets are orbited by several spherical moons that also trace a perfect path through the ecliptic.

Richard Pasichnyk's research demonstrates the principle of the counter-rotating energy fields of A1 and A2 in action by observing the behavior of the gas planets. Counter-rotating bands of gas have been observed on all of the gas planets, where you will have continually alternating bands of clockwise and counter-clockwise rotation. The clockwise areas are known as "belts" and the counter-clockwise areas are known as "zones." In addition, certain planetary atmospheres such as that of Venus have been seen to actually physically rise and lower in height, revealing a planet-wide "breath" just like the central oscillator. The ionosphere of Venus can change from a height of only 200 kilometers to several thousand kilometers within a 24-hour period, and the height of the cloud deck (atmosphere) moves up and down by as much as one kilometer, or 0.62 miles, across the entire planet's surface simultaneously. This is known as the "steady breath" of Venus and occurs over a four-day cyclical period.

Pasichnyk also developed the concept that the center of a planet is not actually metallic, but a form of glowing plasma-energy similar to that of our Sun. This evidence is presented in detail in our previous volume, and shows us another level of how a planet is a microcosm of the Macrocosm. We will have more to say on this when we begin discussing evolution.

7.4 THE SUN

Our Sun has a magnetic field known as the heliosphere, which is also in the form of a spherical torus. The planets all orbit within the plane of the Sun's equator or ecliptic. The surface of the Sun has been discovered to indeed pulsate in and out, which is covered in detail later in this chapter. [The star Alpha Centauri A is known to pulsate as well.] Our Sun also has a lesser-known magnetic field that travels out along the plane of the ecliptic called the Parker Spiral, which has a three-dimensional structure that looks exactly like the spiraling arms of a galaxy:

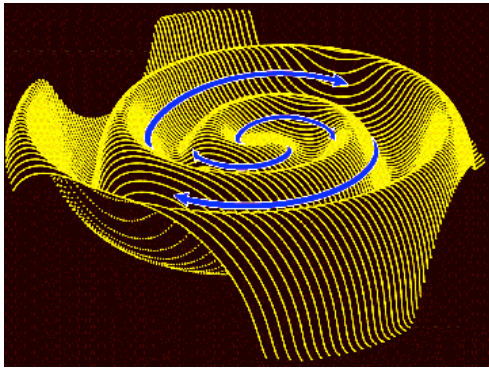


Figure 7.1 – The Parker Spiral, an interplanetary magnetic formation

This suggests a greater mystery underlying the structure of the Solar System that science has not yet understood: if continuous creation is somehow occurring, then perhaps a solar system could eventually grow into a full galaxy and the Parker Spiral field would eventually fill with stars, thus creating the galactic arms. As we go on, such a notion will seem less and less preposterous.

7.5 THE GALAXIES

Everyone knows that a galaxy is a disk of stars, planets and gas that forms along a flat, ecliptic plane. Most people are unaware of recent discoveries that a galaxy is also surrounded by a sphere of "dark matter" and / or "dark energy" known as the Galactic Halo, which we have mentioned in both of our previous books, labeled here at the top left of the image:

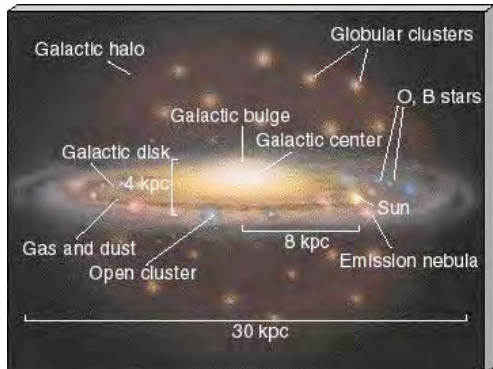


Figure 7.2 – The Structure of a Galaxy, including spherical Galactic Halo

This spherical halo is known to account for the majority of gravitational force exerted upon the galaxy, causing it to rotate as if it were one unified spherical object. This is definitely not how our Solar System behaves, where Mercury orbits the Sun more quickly than Pluto. (If our Solar System were a galaxy, then Mercury and Pluto would both orbit the Sun in the same amount of time.) So, once again in a galaxy we have a sphere of energy, with matter forming within the zone of the ecliptic plane. NASA has also observed "axial jets" emanating from the north and south of the centers of galaxies, and these jets show us the central north-south axis of the spherical torus energy formation:



Figure 7.3 – NASA artist rendition of "axial jets" emanating from within a galactic core.

One example of this axial phenomenon comes from a quote in Science News Online [2], from the research of C.D. Dermer, J.D. Kurfess and W.R. Purcell, among others, discussing these jets of antimatter and hot gas:

"We have no good idea how this radiation is being produced," says Purcell. The GRO map indicates, however, that the high-altitude radiation connects with the radiation at the galactic center. Although its resolution is limited, the map suggests that the emission is part of a stream of matter and antimatter rising from the center. Radio images hint at a similar pathway.

Some sort of activity "is building up and breaking open a hole in the plane of our galaxy and pouring gas into the galactic halo," Dermer asserts. Although the source of the annihilation radiation is debatable, there is no dearth of candidates in the crowded environs of the galactic center.

One likely suspect is the black hole, estimated at about 1 million times the mass of the sun, thought to reside at the core of the Milky Way. Black holes are believed to produce jets of matter and radiation that could generate the gamma-ray emission observed by GRO. [emphasis added]

Furthermore, Ikehata et al. have proven that **the shape of a galaxy could be formed in the laboratory on a stable, ongoing basis by a counter-rotating fluid-dynamics process, creating an approximate duplication of our model of the intersecting behaviors of A1 and A2 in the Universe.**

From Physics News:

MILKY WAY IN THE LABORATORY? A plasma with a spiral-shaped pattern of particle density, similar to that of the Milky Way galaxy, has been created stably in the laboratory, supporting the possibility that fluid dynamics effects rather than gravitational ones may be responsible for our home galaxy's structure. Injecting a hot argon plasma (rotating at supersonic speeds) into a cold, stationary argon gas, researchers in Japan (Takashi Ikehata, Ibaraki University, ikehata@ee.ibaraki.ac.jp) observed a spiral-armed structure (with low-density halos of charged particles) that persisted for as long as they kept rotating the plasma. The vortices that typically appear in such hot plasmas became spirals because of the outward "centrifugal" forces introduced by the rotation. Curiously, the spiral structure was not observed to form in the absence of the stationary gas, suggesting that the fluid dynamics interactions between the gas and plasma are central to the spiral formation process... (Ikehata et al., Physical Review Letters, 31 August 1998.) [emphasis added]

In Ikehata et al.'s experiment, the hot argon plasma was rotating at a very high speed and the cold argon gas remained stationary. This creates a very similar condition to one of counter-rotating fields, since the stationary gas provides resistance to the rotating plasma much as the counter-clockwise movement of A2 resists the clockwise movement of A1.

And, as Dr. Paul Wesson indicates in section 2.17 of his paper, "Both of the standard theories of galaxy formation clearly contain ad-hoc elements, as do theories of the origin of larger-scale structure." Then, in section 2.18, he says, "The spins of galaxies, while problematical in origin, provide a good data set for testing fundamental physics."

And what about the black hole problem, since this model says that they do not exist? A recent article on the CNN website actually presented an "aetheric" solution for the mainstream world:

(CNN) -- Arguing that black holes are riddled with contradictions, astronomers have devised what they consider a more plausible destiny for imploding stars. Taking into account quantum physics, two U.S. scientists suggest that giant dying stars transform themselves into what they call gravastars, shells of extremely dense matter with exotic space inside...

The first black hole proponents were ignorant of quantum fluctuations in the universe that affect everything from light particles to gravity, Mottola and Mazur observed.

"We are usually not aware of the quantum medium [i.e. aether] we are immersed in," Mottola writes in New Scientist, "like a fish in a calm pond who is not aware of all the incessant jiggling of water molecules."

Before a black hole could form (in a collapsing star,) quantum effects would change space-time around an imploding giant, kicking off a radical phase transition akin to when liquid water becomes ice. The shift to a new state would lead to the formation of an exotic new object, the gravastar, a condensed bubble enveloped by a thin spherical shell of gravitational energy.

In a paper submitted to Physical Review Letters, Mottola and Mazur argue that gravastars are consistent with classical laws of physics but do not have embarrassing inconsistencies as do black holes. Moreover, from Earth they would appear much the same as classical black holes. Therefore, those chaotic dense hot spots throughout the universe that astronomers consider indirect proof of black holes could just as well support the existence of gravastars, they say.

Mottola and Mazur hope the gravastar will shed light on even the deepest mysteries of the universe. The weighty object could explain intense gamma ray bursts from the distant universe. More boldly, they suggest the entire cosmos could itself be trapped inside a giant gravastar... Astronomers call the work of Mottola and Mazur everything from "astoundingly brilliant" to "unlikely." Perhaps it will take decades or longer for anyone to know really. [emphasis added]

And the shape of the "astoundingly brilliant" gravastar? You guessed it – a spherical torus with ejected "rings" emanating along the ecliptic plane. Thus, the mainstream really isn't as "lost" as many still assume, since here we have an article that is openly discussing the "aether," simply calling it the "quantum medium" and ascribing fluidlike properties to it with the analogy of the fish in water.

7.6 THE SUPERCLUSTERS

Groups of galaxies are known to be gathered into sphere-shaped superclusters, again suggesting that a larger-scale pattern of spherical energy fields is at work. (It is actually more accurate to say that galaxies are formed from the energy fields that become superclusters.) The breakthrough research of Dr. Halton Arp has revealed that our current method of calculating stellar distances known as "redshift" is inaccurate, and that once we correct the distortions that were introduced, we find that the majority of superclusters are truly spherical in shape, with the largest concentration of galaxies in their center. We know that this is the case with our own local supercluster, which has a massive sphere of galaxies known as the "Virgo cluster" in the center. Arp's work also concludes that the high-intensity bodies known as quasars are actually the seed-forms for new galaxies, ejected from older, maturing galaxies and connected to them by visible filaments. This will be covered in much more detail in later chapters.

7.7 THE UNIVERSAL SUPER-GALAXY AND SURROUNDING SPHERE

Lastly, we bring in the data from S.N. Kimball's Symmetric Theory. Recent measurements of the cosmic microwave background (CMB) radiation of the Universe have confirmed that all visible matter in the Universe is "flat," effectively forming another disk like a giant super-galaxy. (A NASA scientist published a theory in the mainstream media in fall of 2001 that this giant universal disk could be caused by two fluidlike energy bodies that are counter-rotating, again bringing in a fluid-dynamic model.) The Broadhurst et. al. pencil-beam laser surveys of 1990, as well as other studies, have revealed that there are walls of galaxies in the Universe that are separated by vast tracts of empty space, 128 megaparsecs in length. These walls extended for the full distance that the survey was capable of observing, exceeding a 2.5 gigaparsec range, which is a quarter of the way across the entire hypothetical Big-Bang size of the Universe! The following article from Physics News mentions this body of data:

From Physics News:

IS THE UNIVERSE CRYSTALLINE? As astronomers measure redshifts for additional galaxy superclusters, the three-dimensional architecture of the universe becomes more evident. New redshift surveys, reaching ever further into space, are benefiting from fiber optics and increasing automation. A fresh analysis of current redshift catalogs offers some evidence for a periodic arrangement of superclusters, separated by voids, on a scale of 120 megaparsecs (about 390 million light years). Great walls of galaxies on this scale have been discerned before but the apparent periodicity is new. The researchers suggest that a new theory might be needed to explain the sort of immense 3D-chessboard structure they seem to be finding in the data. (J. Einasto et al., Nature 9 January 1997.) [emphasis added]

The "chessboard" vision fails to see that the "walls" that were found by a pencil-beam laser survey will likely extend around 360 degrees to form spiraling arms, forming a Super-Galaxy via the fractal principle. And there's still more: in 1994, Lauer & Postman discovered that the walls of the Super-Galaxy have a steady velocity, and are all moving in the same direction – they are rotating. [To put it more specifically, Lauer & Postman conducted a full-sky peculiar velocity survey and found that **all Abell cluster galaxies within 150 megaparsecs are moving at a unified speed of nearly 700 kilometers per second as compared to the absolute frame that is provided by the Cosmic Microwave Background radiation.**] Lauer & Postman's data was then analyzed statistically in 1995 by Strauss et al., who concluded with a confidence level higher than 95% that these observations of large-scale rotational velocity were accurate, thus ruling out all popular Big-Bang models in the process, which cannot account for such large-scale structuring.

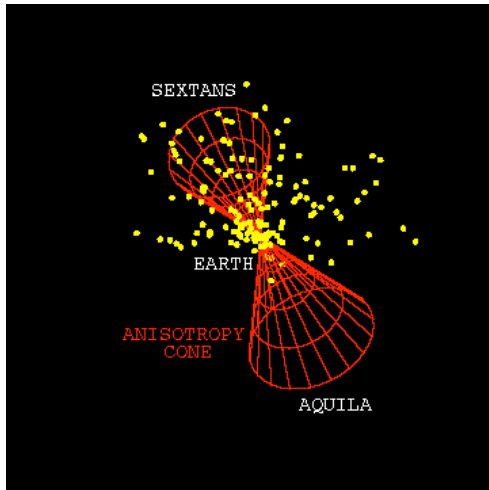


Figure 7.4 – Nodland and Ralston's discovery of a "Universal Axis", or anisotropy cone.

So if we indeed see that the Universe is a Super-Galaxy formation, then our next question is if it also has a Universal Sphere with a central axis. Borge Nodland and John Ralston's Anisotropic Universe theory indeed reveals just that. They found that the torsion fields that exist throughout the Universe, naturally causing rotation of particles as they travel, are not evenly distributed, but rather form a Universal Axis. (The word "anisotropic" means "not equal in all directions.") Nodland and Ralston, found that the closer a particle in space is to this Universal Axis, the more torsional spiraling movement that it will experience as it travels along; it is a subtle but quite measurable effect. As written by P.F. Schewe and B. Stein in Physics News Update,

Now two researchers, Borge Nodland at the University of Rochester (bnod@le.rochester.edu; 716-275-5772) and John Ralston at the University of Kansas (; 913-864-4020), have studied polarization rotation data for 160 galaxies and have perceived that in addition to the Faraday effect, there seems to be an extra mysterious angular dependency at work. Indeed, the rotation varies consistently with the angle across the sky, as if the universe had an axis.. One possible explanation might be the existence of "domain walls" between different realms of the cosmos, as prescribed in certain particle physics theories.

This article not only supports the idea of a Universal Axis, but of structured "domain walls", as we just discussed, as well. So, Nodland and Ralston have effectively demonstrated that the flat disk of the entire Universe must also be surrounded by an energy field in the shape of the spherical torus – a sphere with a central north-south axis. The vortex flow of A1 and A2 causes the axis to have the greatest amount of energy spiraling through it, thus exerting the greatest degree of torsional spin on all matter in the vicinity. Nodland's team does not see this as a complete spherical torus, but they do have the "double cone" structure that we observe in the central area of such a torus in their illustrations.

As seen in Figure 7.4, one pole of the axis is in the direction of the constellation Sextans, and the other in the direction of the constellation Aquila. Nodland and Ralston point out an interesting synchronicity surrounding the names of these constellations:

In a curious way, the anisotropy direction reveals itself as that orientation of the needle of a cosmic compass around which the polarization plane of electromagnetic radiation twists the most as the radiation journeys through the fabric of space. It is interesting to note that the constellation Sextans stands for the sextant, the ancient navigational instrument by which seafarers would orient themselves. Aquila, by the way, is the messenger from Heaven – the mythological Eagle leading souls to immortality. [emphasis added]

Though Nodland and Ralston obviously see this as just a coincidence, it is certainly possible that these constellations were named by the inheritors of the ancient mysteries, who were well aware of the positioning of the Universal Axis. As we indicated in Chapter 15 of our previous volume, the central axis of the spherical torus in the Solar System is often associated with leading souls to a higher plane outside of the sphere of human development, much as the legend of Aquila the eagle would "lead souls to immortality." The Scandinavian world-tree known as the "Yggdrasil" has an eagle poised at the north pole of the sphere. Along similar lines, Dr. Paul LaViolette shows how the constellations of the Zodiac that surround our own Galactic Center are designed to point directly at that spot, again suggesting an ancient knowledge of the physics.

So, we are indeed presenting a model of an inflating Universe instead of a Big-Bang, where everything suddenly appears all at once. This is not as far from conventional scientific thought as some may think. Consider the words of Dr. Paul S. Wesson:

...Photons we see now in the microwave background with the same temperature should have been outside of each other's horizons and so out of causal (direct) contact in the early universe. The appropriate modification is to have a phase of rapid, perhaps exponential, expansion at early times. This idea – inflation – now has a big literature. But the energy source has not been identified. [emphasis added]

Put simply, this means that all the matter-energy believed to be spontaneously created in the Big Bang could not have been crammed together all in one area. The unidentified energy source is the counter-rotational movement of A1 and A2.

7.8 THE UNITY OF THE HARMONIC RATIO OF 34560

Every data point that we have gathered so far creates a compelling case. And in addition to the above facts, we must remember that we are dealing with a unified system of spherical vibrations (pulsations) that behave according to simple musical (harmonic) principles. Now, if we wanted to prove that such a model was indeed accurate, then we would need to find a harmonic unification that persisted throughout the Universe. If every object of matter-energy is being formed of fluidlike "aether" from a Great Central Oscillator, then there should be a single musical ratio that forms a "master link" for the entire known Universe, on all levels of size.

Controversial physicist Ray Tomes has given us a vital new model that indeed unifies this entire puzzle with the science of harmonics, or musical vibrations. The Great Central Sun continues its rhythmic movement, and intersecting wave-pulses are created which follow the laws of music and vibration, as we said. Spherical-torus energy formations are produced of all different sizes in the Universe, such as moons, planets, the Sun, the galaxy and the Universe itself.

Miraculously, Tomes discovered that the average distances between all of these spherical energy formations at each size level in the Universe are precisely interconnected by a single musical ratio – 34560.

- If we take the average distance between moons and multiply it by a factor of 34560, we get the average distance between planets.
- Take the average distance between planets, multiply it by a factor of 34560 and we get the average distance between stars.
- Multiply the average distance between stars by a factor of 34560 and we get the average distance between galaxies.
- Take the average distance between galaxies, multiply it by a factor of 34560 and we get the size of the known Universe.

This suggests that there is a "fractal" organization to the Cosmos, meaning that we have what is referred to as "self-similarity on all levels." The geometric formations created by fractal mathematics can be magnified exponentially, and no matter how deeply you "zoom in" to the formation, you still see the same geometric structures. Many "Chaos" theorists have already discerned that the Universe itself appears to work according to such logic in many different and mysterious ways.

Surprisingly, as we can see from the next chart, this same exact harmonic ratio of 34560 for the Cosmos can be compressed as well as expanded:

- Compress the average distance between moons by two factors of 34560, and we get the average distance between cells, either plant or animal.
- Compress the average distance between cells by 34560 and we get the average distance between atoms.
- Compress the average distance between atoms by 34560 and we get the average distance between nucleons, which are the smallest natural "particles" in the Universe.

This next chart shows the master summary of all of these connections, strongly demonstrating that the entire Universe is interconnected according to one vast, unified plan:

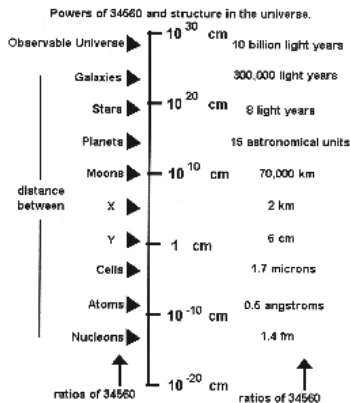


Figure 7.5 – Ray Tomes' discovery of the unified ratio of 34560 in the Universe.

It is literally quite impossible that such a simple system could work so well from the quantum to the living cell to the super-galactic level, without requiring any elaborate fixes, shortcuts or math-a-magical hocus-pocus. (For an example of such a "fix," before Copernicus placed the Sun at the center of the Solar System, the geo-centric mainstream scientists had created elaborate "epicycles" to mathematically explain why the planets would occasionally appear to travel backwards (i.e. "retrograde") as they moved along their ecliptic plane in the night sky.) Each of the averaged distance figures cited by Tomes have emerged from mainstream scientific studies, so there is no validity to the argument of skeptics that Tomes had "cooked the books" in any way. Tomes was simply the first person to discover that each of these different classes of spherical energy forms were partitioned and interrelated by a single, master harmonic ratio. Once we integrate our new quantum physics findings, we can indeed see the completeness of the model as it now stands.

Furthermore, the utility of the 34560 ratio does not end with the remarkable facts that we have just stated. Other forms of aether vibrations, such as difference between the speed of light and other basic speeds of vibration / pulsation, shows this master harmonic of 34560 as well. This evidence comes from the work of Dan Winter, who went further into exploring the connections discovered by Tomes. As one harmonic example from Winter's work, the speed of light in water is almost exactly $\frac{3}{4}$ of the speed of light in a vacuum, and $\frac{3}{4}$ is a standard musical relationship between two vibratory frequencies. Even more interestingly,

- Compress the speed of light by a factor of 34560 and we get the speed of sound.
- Compress the speed of sound by a factor of 34560 and we get the speed of heat.

This, of course, is our next exposure to a very simple concept: the speed of light is by no means the highest speed in the Universe – as we have already said, it simply represents the highest speed that energy can travel through the aether in our own area of density. Other areas of higher density would allow a greater speed of light to occur, as Kozyrev observed with his torsion-wave fields. In The Shift of the Ages we detailed evidence from Bruce Cathie that the speed of light is a perfect harmonic value. First, Cathie used what he called the "grid second" for time, a unit that is smaller than the second but closely related, built up from a system of 9 instead of a system of 8 (i.e. $8 \times 3 = 24$ hours, $9 \times 3 = 27$ "grid" hours.) Cathie showed how the Earth's harmonic measurements, such as the nautical mile of one minute of one degree at the Equator, represent a perfect harmonic yardstick for understanding and measuring universal energy. (Remember that the Earth must form according to harmonic principles, so this is no accident.) And, when Cathie calculated the speed of light by the number of nautical miles that it would pass through per grid second in a vacuum, he came up with exactly 144,000! 144 is the square of twelve and an essential number in the science of musical vibrations.

Furthermore, the work of Lambert Dolphin and Barry Setterfield proves conclusively that the measured speed of light has been steadily decreasing by a small amount since it was first calculated. This finding came from a meta-analysis of literally every study on the speed of light that had occurred in history prior to 1980. We believe that this measurable drop in light-speed is due to an energetic boundary strength that we are now encountering as we prepare to move into an area of higher aetheric density in the galaxy, which is the central thesis of this book. For now, we should simply remember that the speed of light is directly related to that of sound and heat by the same universal harmonic ratio of 34560.

If we want to explore the possibility of finding the 34560 ratio when we are discussing the density of matter, then we would need to look at cubical harmonics, i.e., harmonics of 34560 to the power of 3, since we are dealing with three-dimensional structures instead of two-dimensional distances between structures. When we consider the densities of the matter in the Universe with this in mind, the following interesting relationships emerge:

- Compress the density of ordinary matter by a factor of 34560^3 , and we find the density of a neutron star, considered the densest object in the Universe.
- Relax the density of ordinary matter by a factor of $(34560^3)^2$, and we arrive at the density of the known Universe, which is predominantly what is now called "empty" space.

All of these observations from Tomes and Winter only reinforce the idea that a central oscillator is creating pulsations throughout all the aether in the Universal Sphere. All of these pulsations are precise harmonic multiples of the time interval of one second, either in larger or smaller time intervals, and their primary harmonic wavelengths are all factors of the ratio of 34560.

Tomes demonstrated that other harmonic ratios besides 34560 can determine the spacings between the stars and planets, but the 34560 ratio is certainly the most predominant one. His studies include a complete determination that all of our nearby stars are in precise harmonic relationships to each other in terms of their relative distances.

The central oscillator concept also gives us an explanation for why we observe aetheric waves as spiraling, such as in Kozyrev's experiments. No matter where we are in the sphere of the Universe, the aetheric energy is constantly undergoing more than one type of movement: the out-going and in-flowing pulsations of the central oscillator and the rotation of the sphere itself. These movements are duplicated at all different size levels throughout the Universe. Thus, any time that you create a wave that passes through the aetheric medium, the wave will always travel in a spiral, according to the geometry of how the varying movements intersect.

7.9 COMPLETE EVIDENCE FOR THE CENTRAL OSCILLATOR SYSTEM

The next question, of course, is whether or not these basic notions are provable. Is it possible to observe a truly complete and unified example of the entire complex of "Central Oscillator" concepts that we have suggested in the last chapter?

Our first choice for this task might be a galaxy. Most people still believe that the center of a Galaxy is a black hole, even though we have never photographed one in our own Galaxy or anywhere else, merely inferred its existence theoretically. The black hole concept is an artifact of using mathematics instead of physical concepts to try to understand the Universe, and is no longer needed when we do away with the Big Bang. What we actually do see in the photographic evidence from our own galaxy is simply a compressed, bright cluster in Sagittarius A, as expected, and most astrophysicists say that a black hole is "hiding just behind that bright spot in the center." As seen above in Section 7.5, mainstream scientists are now admitting that the black hole theory must be discarded, and Dr. Paul La Violette, Dr. Halton Arp and others have long falsified the black hole theory. We have not yet made detailed enough observations of the central formation in our own galaxy to determine if it is, in fact, exhibiting a pulsating motion.

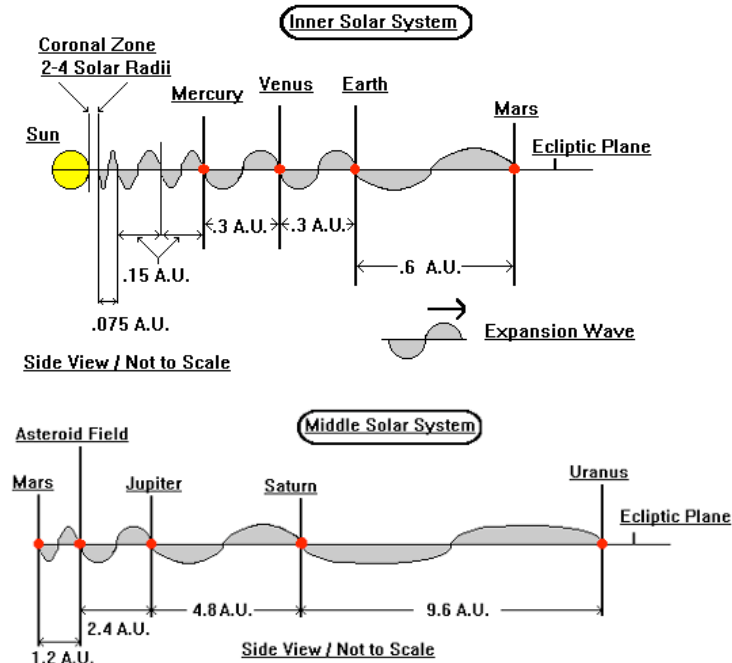
However, with our own Solar System we have an excellent opportunity to study this "Central Oscillator" system in completeness. The full mechanism was inferred by Oliver Crane in his work, but is only truly solidified when we bring in the work of Ray Tomes and especially that of J.B. Stoneking in his "Stoneking Resonance Theory." Our first glimpse at the mystery comes from a discovery of J.D. Titius in 1766, published by J.E. Bode in 1772 and known as "Bode's Law." This finding revealed that the planetary positions are indeed spaced according to regular musical intervals. Although this theory was widely accepted for more than a century, showing over 95% accuracy out to Uranus, it was eventually discarded after the discovery of Neptune, which completely broke the simple pattern that Bode had set forth – and Percival Lowell's discovery of Pluto only made it worse. However, both Tomes and J.B. Stoneking found longer harmonic wavelengths that corrected the mistake and showed that Neptune and Pluto were indeed in their proper "musical" places, as seen in figures 7.6, 7.7 and 7.8.

Even more surprisingly, we now know that the Sun is indeed a central oscillator! In 1962, R. Leighton et al. found that the Sun's surface pulsates regularly. In the early 1970's, several groups from the U.S., Russia and Great Britain confirmed that the Sun did indeed oscillate in steady pulses, its

surface rising and falling by about 3 kilometers (1.86 miles.) This pulsation occurs in various harmonic intervals of a basic unit of time that was exactly five minutes, no more and no less, rising to a maximum value of 160 minutes. (The fact that the sun has an exact five-minute heartbeat shows that the Central Oscillator in the Universe is pulsating in perfect multiples of one second. It is for this reason that we refer to the second as the "Universal Time Quantum.")

All doubts about this effect were eliminated when a team of French, Soviet and U.S. scientists gathered in Antarctica to carefully observe and measure the Sun for five straight days at the South Pole. Late in the month of December, the South Pole is aimed at the sun for continuous 24-hour days; in this environment, it never "sets." With generally good weather and round-the-clock shifts, they observed the 160-minute oscillation period as well as the three-kilometer pulsation amplitude.

The next diagrams are from Stoneking's work, showing the waves that are created by the Sun's pulsation and how these waves in turn position the planets:



Figures 7.6 and 7.7 – Stoneking Resonance affecting inner and middle planetary positions.

In his 1998 paper, J.B. Stoneking calculated the wavelengths that were produced by each of the different harmonic intervals that the Sun produces, such as a five-minute pulse, ten-minute pulse, 80-minute pulse, 160-minute pulse, et cetera. These wavelengths would be measured as existing at a certain distance away from the Sun. Calculating the wavelengths is a simple mathematical problem that involves the distance that the Sun's surface moves in each pulse, (2-3 km.) the time that it takes to move in each pulse (intervals of five minutes,) and the speed that the wave travels, which is the speed of light (186,000 miles per second.)

When Stoneking ran these calculations, which are published in his paper, he found that there was a planet at the edge of each wavelength that he discovered, as we can see in the images. These "nodes" in the wavelength were the zones of least pressure, where all vibrations canceled out and allowed the planets to form. Furthermore, the entire heliosphere, formed by the Sun's magnetic field, is exactly five 160-minute pulses deep.

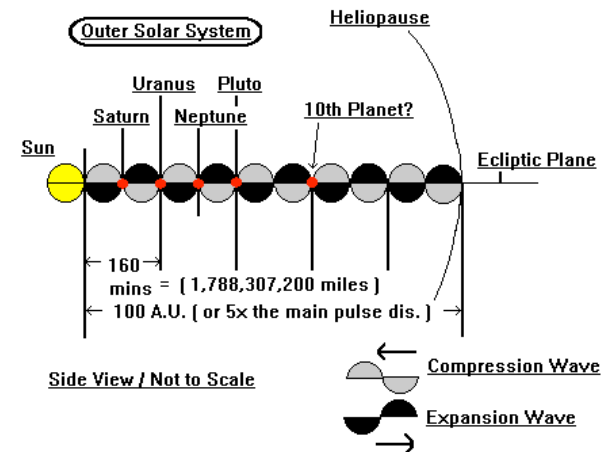


Figure 7.8 – Stoneking Resonance in the Outer Solar System.

Furthermore, Stoneking discovered that each planet was positioned at a certain exact number of solar diameters away from the Sun. Each planetary orbit will fall perfectly in line with one of the "ripples" formed by the Sun's pulsation through the aether as it resonates like a giant drum. The above diagram makes it appear that only the outer planets fit in with the Sun's diameter, but the diagram is not to scale – and the diameter of the Sun is actually much smaller than the 160-minute pulse. This harmonic connection of the planetary positions gives the hard scientific data that Oliver Crane inferred in his "Central Oscillator" paper.

Let us again think back to our original discussion of the Great Central Sun and how it formed an "onion-like" formation of nested spherical energy vibrations, caused by the spherical "ripples" of its pulsation interfering with each other as they move out and are then reflected back towards the center. Within our own Solar System, we must realize that these invisible energetic spheres are holding the planets in their positions. Normally we visualize planetary orbits by simply drawing an elliptical line in the direction of travel, but now we should equally see that they are held in place by invisible spherical waveforms, and driven to rotate along the ecliptic plane by the overall rotation of A1 and A2 as it forms the Sun and heliosphere. Some of the spheres are more "flattened out" than others, forming elliptical instead of circular orbits, and this is mainly due to the fact that the Solar System is also traversing and being affected by the forces in the Galaxy.

[See the page of Robert Grace at <http://hometown.aol.com/MetPhys/97planetmusic.html> for more information on the harmonics of the Solar System. Many have independently stumbled across these connections. The most complete harmonic analysis of the Solar System that we have found is in the work of Dr. Sergey Smelyakov entitled "The Auric Time Scale and the Mayan Calendar," which we will feature prominently in later chapters.]

Thus, when we view the true energetic structure of our Solar System, we see a series of nested spherical energy forms that are created by the Sun as it pulsates. Remember now, these are spheres that exist in three dimensions, not just along the ecliptic plane – they completely surround the Sun in wider and wider layers. Normally, they are completely invisible to us, though in our previous volume we have documented extensive examples where they were seen by initiates and mystics in out-of-body states. This dates all the way back to the ancient vision of Thothermes Trismestigus, who was visited by a dragon named Poimandres that symbolized Universal Mind in a similar fashion as Oriental cultures equate the dragon with wisdom.

Two more revealing key points are made by Stoneking in his paper that are worthy of verbatim repetition:

A report, published in the journal Science (March 27, 1998, pg. 2089) by seismologist Mr. Naoki Suda et al, stated that he and his team had found evidence that had showed Earth to be in a constant state of oscillation. He reported that the frequencies involved were between 2-7 mhz. (.002 - .007 Hz.) If you convert this 2 mhz to a wavelength, it equals 93,141,000 miles, which by coincidence is also close to the mean orbital radius of planet Earth [i.e. Earth's distance from the Sun.] This spectrum of frequencies also covers 2 of the Sun's resonant pulse wavelengths. (Solar Dia. x 2^5 = 27,680,000 miles, 6.7 mhz and Solar Dia x 2^6 = 55,360,000 miles, 3.3 mhz.) The same two frequencies are involved in the spacing of Earth from Venus (.3 AU) and Earth from Mars (.6 AU.) [emphasis added]

Let's take a leap here and suppose that one of a planet's resonant frequencies is equal to its mean orbital radius and that it radiates this reflection wave into the interplanetary plasma. Could other evidence be found that could support this idea?

If we look towards the largest planet in the solar system, Jupiter, and its orbit around the Sun, we see that it affects two groups of asteroids known as the Trojans. [These groups] are 60 degrees in front and [60 degrees] behind [the orbital position of] Jupiter. (If you draw a straight line from the Sun to Jupiter and go at a 60-degree angle from the Sun to the point where it intersects with Jupiter's orbit, [you find the Trojans on either end.]) As we know, a triangle's internal angles must equal 180 degrees. If you draw a straight line from the Sun to [either of] the Trojans, then to Jupiter and back to the Sun, it forms a perfect equilateral triangle with 3 internal angles of 60 degrees. This all means that the Trojans are as far from Jupiter as Jupiter is from the Sun: 483.3 million miles. [emphasis added]

The first point above shows us that the behavior of the Earth, in terms of its own rate of harmonic pulsation, is intimately connected with its distance from the Sun. This can only be possible with a "quantum medium" that exists between them in space. Then, the "triangle formation" that Stoneking mentioned between Jupiter, the Sun and the Trojan asteroids suggests that geometric forces are at work in the energy fields we are discussing, which falls in line holographically with what we have observed at the quantum level, as seen in previous chapters.

7.10 CONNECTION BETWEEN SOLAR SYSTEM AND NEW QUANTUM PHYSICS

Another key discovery that connects the Solar System to our quantum model has been published by Richard Hoagland and The Enterprise Mission, inspired by the pioneering work of Lt. Col. Tom Bearden. In Chapter 12 of the previous volume, we went over the anomalies of the planets, and covered some examples where the planets are seen to have a significantly greater degree of heat energy in the infrared spectrum than they are capable of receiving from the Sun. Several different models have been proposed in the mainstream for where this heat is coming from, and Bearden, Hoagland et al. have presented evidence that rules out these models. In the next figure, we see Bearden, Hoagland et al's solution to the puzzle – **namely that the amount of heat energy that each planet radiates out into space is directly related to how much movement is occurring in and around it.**

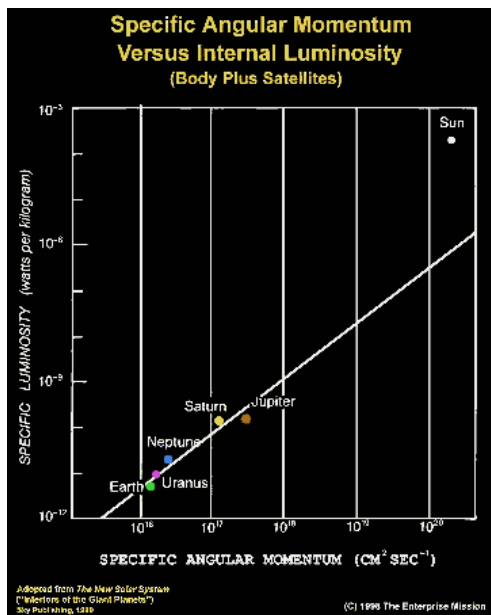


Figure 7.9 – Solar System-wide relationships between heat emissions and angular momentum.

This model has confused many participants who discuss it on The Enterprise Mission's discussion board. The key is in the fact that the amount of angular momentum that is calculated involves the body plus the satellites. The Earth rotates on its own axis, revolves around the Sun and also has the Moon in orbit. So, the figure of slightly more than 10^16 for the Earth on the bottom axis of the graph is the combined total of all the momentum in this system. Uranus, Neptune, Saturn and Jupiter's specific angular momentum is also a function of the total amount of movement occurring within the planet itself and within all of its moons.

It is clear from the graph that there is a very smooth relationship between the amount of momentum surrounding an object and its total heat emissions. Furthermore, it is clear that with the data we now have, the Sun appears not to fit into place along the same line. **This discrepancy suggests that there must be at least one more planet in the Solar System that we have not yet found.** Once all orbiting objects in our Solar System are known and accounted for, it is predicted that the Sun will also fit perfectly on this line.

So how does this relate to quantum physics? It is actually rather simple. The more aetheric energy streams into an object or group of objects, the more angular momentum will go into the system. This energy relationship can be directly measured by the amount of light energy (luminosity) that the object is giving off, either in the visible or infrared spectrum. Such a relationship would be impossible if the planets were indeed separated from each other by "empty" space. However, in this model, known as Schuster's Hypothesis, the more a planet or star moves through the aether, the more aether it gathers into itself.

In our quantum model, we have the Biefeld-Brown effect showing how negative charge in the electron clouds flows into the positively-charged nucleus. On a very tiny level, this atomic nucleus is actually a form of luminous plasma, just as we see in the sonoluminescence experiment, in thermal plasmas emanating from the Earth or in the Sun itself. The amount of luminous energy in the atomic nucleus is a direct function of how much aether is moving into it – and we can measure the amount of aether going into the nucleus as a function of angular momentum. So, this relationship between the Sun and planets shows that the Sun's total energy output is directly related to the amount of movement in the surrounding planets, moons, comets and other matter. This movement represents how much of A1 and A2, the primary bodies of aetheric energy, is streaming into the object.

7.11 INDEPENDENT PROOF OUTSIDE OF OUR OWN SOLAR SYSTEM

If this aetheric model of the Solar System is indeed true, especially when looking at the precise phenomenon of Stoneking Resonance, then a very similar configuration would have to exist in all other planetary systems in order to be valid. As we reported in *The Shift of the Ages*, the very first extra-planetary system that humanity found with more than two planets was seen to have exactly the same characteristics as our own Solar System. Israeli astrophysicists T. Mazeh and I. Goldman have observed that the pulsar B1257+12 has at least three planets orbiting around it which have the same relative size ratios to each other as do Mercury, Venus and Earth. They also have the same relative distances from each other as do Mercury, Venus and Earth. This story was very quickly forgotten, but not before being reported by John Gribbin in *The Guardian* out of London, England:

PLANET SYSTEM DISCOVERY REVEALS STRIKING SIMILARITIES

By John Gribbin

LONDON, from THE GUARDIAN -- The discovery of three planets orbiting a pulsar known as PSR B1257+12 has revealed a system with properties that almost exactly match those of the Inner Solar System, made up of Mercury, Venus and Earth. The similarities are so striking that it seems there may be a law of nature which ensures that planets always form in certain orbits and always have certain sizes; and it leads credence to the significance of a mathematical relationship [Bode's Law] that relates the orbits of the planets in our Solar System, which many astronomers have dismissed as mere numerology.

PSR B1257+12 is a rapidly spinning neutron star, containing slightly more matter than our Sun, packed into a sphere only about 10 kilometers across. As the star spins, it flicks a beam of radio noise around, like the beam of a lighthouse, producing regularly spaced pulses of radio noise detectable on Earth ...

The three planets cannot be seen directly, but are revealed by the way in which they change the period of the pulsar's pulses as they orbit around it. There is enough information revealed in the changing pulses to show that the three planets have masses roughly equal to 2.98 times the mass of the Earth, 3.4 times the mass of the Earth and 1.5 per cent of the mass of the Earth. And they are spaced, respectively, at distances from the pulsar equivalent to 47 per cent the distance from the Earth to the Sun, 36 per cent of the Sun-Earth distance, and 19 per cent of the Sun-Earth distance.

The ratio of these distances [between the three observed planets, 1:0.77:0.4, is extremely close to the ratio of distances of the Earth, Venus and Mercury, which is 1:0.72:0.39.]

And the masses of the three inner planets of the Solar System are one Earth mass, 82 per cent of the mass of the Earth, and 5.5 percent of the mass of the Earth. In each case, two outer planets with roughly the same mass have an inner companion with a much smaller mass...

The indications are that there is a universal mechanism for the formation of planets around stars. If it works for systems as diverse as a pulsar and our Sun, the chances are that it works for all stars and that "Solar" Systems very much like our own may be the rule, rather than the exception, among the stars of the Milky Way. Reprinted from *Astro Net*.

Thus, as Gribbin said, it is easy to predict that all other multi-planetary systems that are discovered will also be ultimately found to have similar characteristics, since this is what was observed in B1257+12 on our very first try. The underlying mechanisms of planetary formation will be the same, regardless of where we look. Let us also not forget that since B1257+12 is a neutron star, it is exactly 34560 to the third power more dense than the average density of the Universe.

7.12 RHYTHMIC OSCILLATIONS OF ALPHA CENTAURI A AND R SCUTI

We remember from earlier in this chapter that the Sun was determined to have a pulsation of exactly five minutes in duration. Another interesting fact is that Alpha Centauri A, the nearest bright star to our own Solar System, has been measured as having a surface pulsation that is exactly seven minutes in duration. This was discovered by F. Bouchy and F. Carrier at the European Southern Observatory (ESO), using the Coralie spectrograph. This is the first time that we have been able to detect such pulsations on a neighboring star, and again perfectly in line with the harmonic second. As the July 2001 article from BBC News indicated,

It amounts to the star, 875,000 kilometres (544,000 miles) in radius, "breathing" in and out by only 40 metres (131 feet).

To have the first extra-solar pulsation also be an even number of minutes in length is very compelling. The "Central Oscillator" model also suggests that multiple modes of vibration / pulsation will occur in certain stars simultaneously. This was seen in the Sun with the various harmonic pulses from 5 to 160 minutes in length, and has now been noted not just in Alpha Centauri A, but with the brightness variations of the star R Scuti as well. This next excerpt from *Physics News* says that R Scuti shows "chaotic," or fractal patterns of oscillation, suggesting two or more different vibrational modes that are occurring at the same time. Here, we should remember that the term "chaos" is synonymous with "hidden order" in the language of Chaos theory:

From *Physics News*:

CHAOTIC PULSATING STAR: Detailed observations of the star R Scuti show that its fluctuating light emissions conform to the mathematical definition of chaos (J. Robert Buchler et al., *Physical Review Letters*, 6 February 1995). According to Zoltan Kollath of the University of Florida, this is the first strong evidence for chaotic emissions from a star. He and his colleagues assembled data taken over 15 years by numerous astronomers. They deduce from the star's light curve (emission as a function of time) the notion that the complex pulsation variability might result from the overlap of as few as two different vibrational modes in the star. (*Science News*, 18 February 1995.)

It appears very likely that further observations of this nature will continue to reveal the importance of the second as a unit of time for pulsation again and again.

7.13 PROOF FOR THE SECOND AS A UNIVERSAL TIME QUANTUM

And now, with the proper additional information in place, we return to the proof for our argument that the unit of time we call the second is indeed a universal standard of vibration. First of all, we know that our 24-hour day / 60-minute hour / 60-second minute system for measuring time came from the Sumerians. The work of Zecharia Sitchin, Lloyd Pye and others has brought widespread awareness to the extra-terrestrial aid that was given to the ancient Sumerian culture by the Annunaki or Nefilim, who are known as "Those who from Heaven to Earth Came." In both of our previous works we have seen that as a unit of time, the second "just so happens" to unify all movements in the Cosmos. The three key points are:

The Constant of Nineveh was found on the Sumerian clay tablets and decoded by NASA astrophysicist Maurice Chatelain, who dealt with gigantic orbital calculations for the Apollo missions. The Constant of Nineveh shows that all planetary orbits are perfect sub-divisions of one master cycle. This cycle is expressed as a value of seconds that is exactly 70 multiplied seven times by 60, or $(70 \times 60)^7$. Every known body in our Solar System has a perfect number of orbital cycles within this master number, right down to the second! A simple analogy for each planet would be how twelve eggs fit exactly into an egg carton; a certain number of each of the planetary orbital cycles will fit perfectly into the Nineveh Constant, with not even one second remaining. For example, Pluto has 25,000 cycles in the Nineveh constant and Halley's Comet has 81,000 cycles. The Nineveh Constant is very roughly around 6.2 million years in length. The Nineveh Constant is also a sub-harmonic of even longer numbers recorded in the Mayan codices.

The Wilcock Constant harmonically interconnects all the orbits of every object in the entire Galaxy in precisely the same way that the Nineveh Constant unifies the Solar System. This number is exactly 0.7 multiplied nine times by 60, or $(.7 \times 60)^9$. This number forms an exact figure, in seconds, for the true time that it takes the Galaxy to spin once on its axis, coming in just slightly under the commonly-cited value of 225 million years at very roughly 223.5 million years. Furthermore, the Wilcock Constant is exactly 36 times larger than the Constant of Nineveh. It is highly likely that further discoveries will confirm that this Galactic Constant is the master cycle for all planetary systems; these discoveries will be made by super-light speed space-travel technology that is already available, and whose theoretical basis is given in the previous volume.

The Universal Constant was first seen in the work of Dr. Henry B. Myers, whose detailed mathematical analyses suggest that the entire Universal Sphere only makes one complete rotation during its entire life cycle. Myers' calculations, integrating scientific knowledge with that of the ancient Hindu Vedas, show us that the true theoretical age cycle of the Universe is extremely close to being exactly 120 Wilcock Constants in length, or very roughly 26 billion, 820 million years. Myers estimates that we are only about halfway through this cycle at the present time. Myers' work also demonstrates that the ancient Vedic astronomers were aware of this cycle as well.

There is absolutely no possibility that any of these constants could be 'accidental', given their known precision: they are directly a function of the perfect vibrations of the second from the "heartbeat" of the Great Central Sun. We should never lose sight of the fact that all of these master constants are merely harmonic functions of 7 and 6 (i.e. 70 or 0.7 and 60) vibrating against each other, using the second as their basic interval of time. We will see the importance of the second when we study the vibrations of music as well, which will be explored later. Dr. O. Crane has concluded that the fastest speed for the Universal central oscillator is 10^{23} cycles per second, in order to account for our observations of the quantum realm. As Crane says,

The frequency of 10^{23} Hz yields the elementary length of 10^{-13} cm, and likewise we have the elementary time period of 10^{-23} seconds.

What Crane apparently did not see is that the pulsations must indeed be an exact harmonic subdivision of the second.

7.14 PROOF OF "LOCAL" CHANGES

One of the predictions that can be made from this model is that when a higher density of energy is fed into a spherical-vortex system, such as our Solar System in this case, we would expect that system to absorb this energy and undergo some very fundamental changes. We briefly alluded to some of the changes in our Solar System that have been observed in the introduction, but in the next chapter we will cover them in specific detail, along with more layers of proof to suggest that these changes must be caused by our movement into an area of higher energetic density in the galaxy.

REFERENCES:

- 1 1. Chatelain, Maurice. *Our Ancestors Came from Outer Space*. Doubleday & Co., Garden City, New York: 1978. Translated by Orest Berlings.
- 2 2. Cowen, R. *Our Milky Way's Heart Gushes Antimatter*. (1997) *Science News Online*, May 3, 1997.
- 3 3. Deen, Glen. *The Physics of an Episodic Quantized Redshift*. March 26, 2001.
- 4 4. Hardy, Geoffrey. *Genesis Continuous*.
- 5 5. Kimball, S.N. *The Symmetric Theory: An Alternative to Big-Bang Cosmology*. 1997.
- 6 6. LaViolette, Paul. *Earth Under Fire*.
- 7 7. Myers, Henry B.
- 8 8. Nodland, Borge. *A Glimpse of Cosmic Anisotropy*. (1999)
- 9 9. Pasichnyk, Richard. *The Living Cosmos Website*. (2000) URL:
10
10. Steer, William Andrew. *Sonoluminescence. (Sphericity)* (1998) [Note: Link no longer operational 6.02]
11
11. Stein, B. and Schewe, P.F. *Is the Universe Birefringent?* (1997) *Physics News Update, The American Institute of Physics Bulletin of Physics News*, Number 317, April 17, 1997.
12
12. Stenger, Richard. *Is black hole theory full of hot air?* (2002) *CNN.com/SPACE*, January 22, 2002.
13
13. Stoneking, J.B. *Stoneking Resonance*. (1999)
14
14. Stoneking, J.B. *Planetary Reflection Waves*. (1999)
15
15. Tomes, Ray. *Harmonics, Pythagoras, Music and the Universe*. (1996) URL:
16
16. Wesson, Paul S. *Fundamental Unsolved Problems in Physics and Astrophysics*. (2000) Prepared for California Institute for Physics and Astrophysics.
17
17. Whitehouse, David. *First stellar "heartbeat" heard*. *BBC News*, July 2, 2001.
18
18. Wilcock, David. *The Shift of the Ages*. (2000)
19
19. Wilcock, David. *Science of Oneness*. (2001)

CHAPTER 08: THE TRANSFORMATION OF THE SOLAR SYSTEM

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8.1 THE CHANGES OF THE HELIOSPHERE

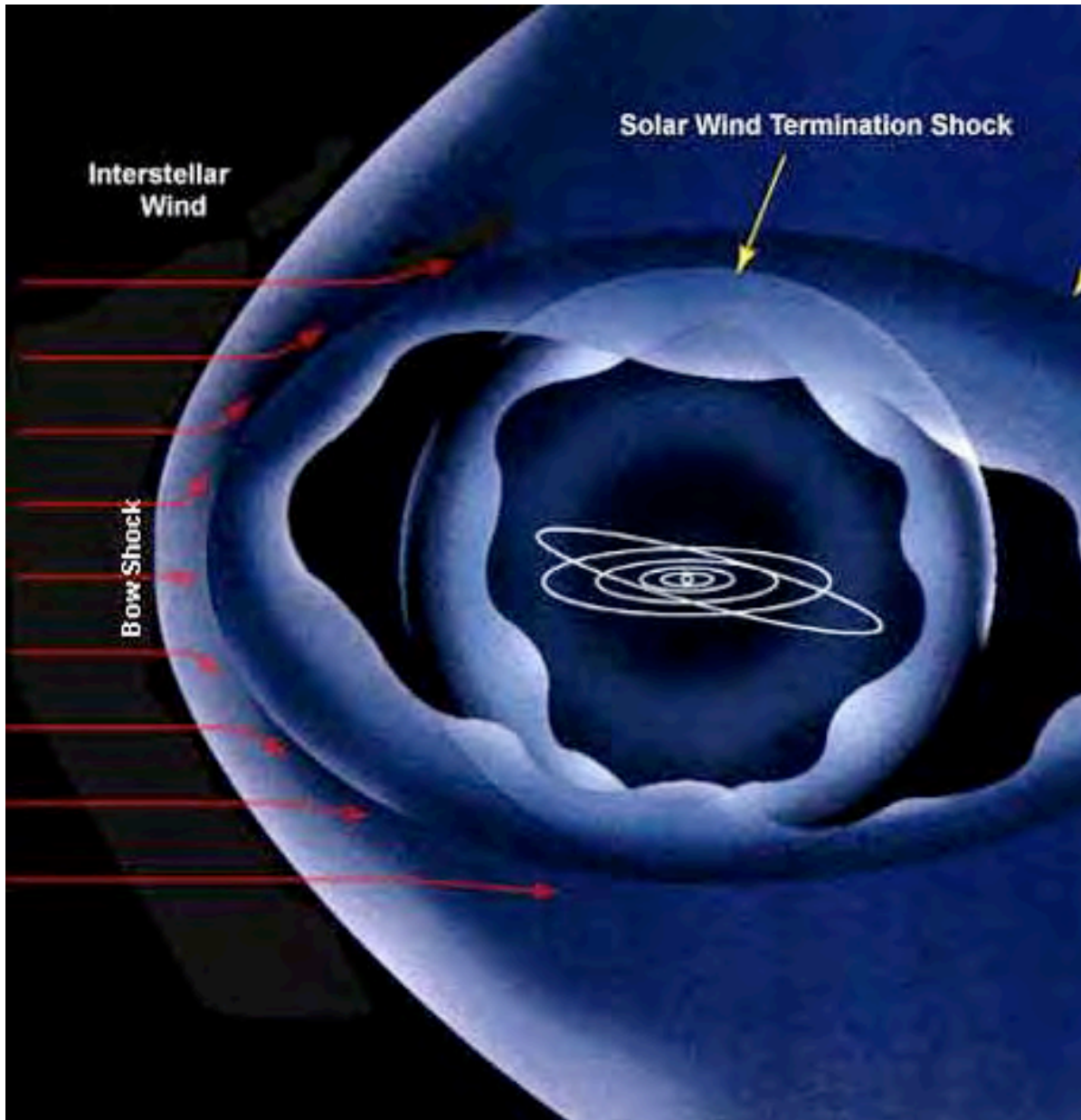


Figure 8.1 – The Basic Structure of the Heliosphere (Courtesy NASA)

Devastating earthquakes, 400% more frequent just since 1973. [22]
Volcanoes belching dust, smoke and lava, 500% more than in 1875. [22]
Tornadoes in unexpected areas such as Maryland, 200% more frequent than
50 years ago. [15] Unprecedented mega-hurricanes sweeping across
coastlines. [15] Blistering heatwaves, and winters without snow. Wildfires
raging across continents. Crippling droughts and / or unprecedented floodings.
Ever-climbing numbers of mass species extinctions. Massive heatings in the

Atlantic and Pacific oceans. [3] Gigantic chunks of ice falling off of the polar icecaps. Solar activity so energetic that many satellites were not built to withstand the sudden increases, shattering all previous expectations. [15] Catastrophic Earth changes, such as earthquake and tornado activity, emerging within days of major solar events. [15, 31]

These are the events of our daily lives, and once they arrive in our backyards, we are forced to pay attention. The womb of the sofa, television and remote control provides no haven when the ground is shaking, the grass is scorching, ferocious winds are whipping, the seas are empty of fish, and food crops wither within weeks as the rivers run dry.

The phenomenon of “synchronicity” has again occurred just two nights before we post the entire Part One of this book online for the public, on Tuesday, June 04, 2002. As posted on the Drudge Report [46], then later in the mainstream press [45], suddenly it’s official: the US government says “global warming” is real.

In a stunning U-turn for the Bush administration, the United States has sent a climate report to the United Nations detailing “specific and far-reaching effects” that it says “global warming will inflict” on the American environment... Also for the first time – the White House places “most of the blame for recent global warming on human actions – mainly the burning of fossil fuels that send heat-trapping greenhouse gases into the atmosphere,” the NEW YORK TIMES is planning to report on Monday Page Ones, according to publishing sources... [emphasis added]

The United States will be substantially changed in the next few decades, claims the Bush report. The United States will “very likely” be seeing the “disruption of snow-fed water supplies, more stifling heat waves and the permanent disappearance of Rocky Mountain meadows and coastal marshes... The new report’s predictions present a sharp contrast to the administration’s previous statements on climate change, in which President Bush always spoke in generalities and stressed the need for much more research to resolve scientific questions.”

Despite these often-discussed changes, only a very small number of people, mostly Russian scientists, are aware that **the entire Solar System(heliosphere) is experiencing these changes.** [15] “Global warming” from CFCs and fossil fuel usage is actually only a minor player in the changes that are now occurring. This chapter of our book will present the case for the energetic transformation of the Solar System in a form never before seen worldwide, prior to the exact day that the US government came clean. As with the rest of this book, we ask that we be credited for compiling this data as it now stands, and linked to DivineCosmos.

The burning desire for an answer has produced many conflicting ideas about what is causing these ever-increasing changes. Outside of government admissions of “global warming,” the theories that have propagated in the Internet metaphysical subculture do not require much scientific substantiation, simply a general feeling of impending doom coupled with a great degree of faith. As one popular example, a relatively uncommon planetary alignment on May 5, 2000 was heavily hyped up as being the trigger-point for Earth crustal displacement / pole shift, “the ultimate disaster.” Asteroids are said to be

about to strike the Earth. And more recently, legitimate research by Zecharia Sitchin has been combined with intuitively “channeled” speculation that the missing planet Nibiru is about to make a close pass to Earth in 2003. This mythical scenario has been used as a catch-all to explain away the changes we now experience.

Dr. Sitchin himself has calculated that the planet Nibiru shall not return until some time after 2160 AD. [47] One would expect that such a massive object enjoying an established 3,600-year orbit would now be glaringly visible, with less than a year before it screams into our lives, larger than the Moon in the night sky. Yet, no observational evidence exists, only shadowy rumors of conspiracy and “leaks” from nameless “informants” in the astrophysics community. Furthermore, a naturally-orbiting planet would certainly not be capable of causing such massive energetic surges throughout the entire heliosphere, which is the combined entity of the Sun’s massive magnetic field and all orbiting bodies within it. Indeed, an outside source of energy is required to explain the anomalies that we are now witnessing. However, most people who already believe in Nibiru 2003 will probably not be open to alternative perspectives until some time after the popping of champagne corks and a collective sigh of relief on Jan. 1, 2004.

In this chapter, we will make the strongest single case ever that our Solar System (heliosphere) is moving into an area of higher aetheric energy density within the local interstellar medium, or LISM. [15] NASA would loosely define the LISM as “the space medium (i.e. aetheric energy in this model) between the stars in our local area of the galaxy.” In our model, this could be roughly thought of as a “Dimensional Shift” that is already underway, though the term “matter-energy density shift” is preferable. As we move into this new field of energy in the galaxy, tremendous changes occur in the Sun, the planets and the Sun’s gigantic magnetic field which surrounds the entire system – and human pollution-induced “Global Warming” has very little influence on this process. [This new model has major differences from the channeled “Photon Belt” theory as well, and should not be seen as supporting most aspects of it, such as the “Manasic Ring.”]

8.2 THE BREAKTHROUGHS OF DR. ALESKEY DMITRIEV

A good portion of the material in this chapter was gleaned from the work by Dr. Aleskey Dmitriev entitled Planetophysical State of the Earth and Life, which was originally authored in 1997 and updated and translated into English in 1998. [15] Dr. Dmitriev is a professor of geology and mineralogy and the chief scientific member of the United Institute of Geology, Geophysics and Mineralogy within the Siberian department of the Russian Academy of Sciences. Dmitriev is an expert on global ecology and fast-processing Earth events, and a series of his articles have been translated into English and posted at www.tmgnow.com. Much of the material in this chapter is also similar in its sequence and factual content to our Friday night science presentation in the Time of Global Shift National Seminar Tour. [44]

Dmitriev’s study begins by pointing out that the now government-acknowledged changes in the basic physics and behaviors of the Earth are becoming irreversible. Strong evidence suggests that these changes are caused by our movement into what Dmitriev calls “a highly charged material and energetic non-uniformity”, or what we would refer to as a higher density

of aetheric energy, in nearby (local) interstellar space (the LISM). This previously unforeseen, highly charged energetic material is now being absorbed into the interplanetary area of our Solar System, creating "hybrid processes and excited energy states in all planets, as well as the Sun." The observable effects of this transformation on Earth include an acceleration in our magnetic pole shift, a change in the vertical and horizontal content and distribution of ozone in the atmosphere and an ever-increasing magnitude and frequency of major catastrophic events. [15]

One important point that Dmitriev stresses is that this is not just his own hypothesis:

A greater number of specialists in climatology, geophysics, planetophysics and heliophysics are tending towards a cosmic causative sequence version for what is happening. Indeed, events of the last decade give strong evidence of unusually significant heliospheric and planetophysical transformations. [emphasis added]

Furthermore, Dmitriev acknowledges that the changes we have observed are forcing a completely different and more highly integrated view of the Cosmos to the discussion table. In this new model,

The climatic and biosphere processes here on Earth (through a tightly connected feedback system) are directly impacted by, and linked back to, the general overall transformational processes taking place in our Solar System. We must begin to organize our attention and thinking to understand that climatic changes on Earth are only one part, or link, in a whole chain of events taking place in the Heliosphere. [emphasis added]

The case for such an energetic interconnectedness has already been well established in our previous chapters. Another important quote says that "these tendencies [of rapid catastrophic changes on Earth] may be traced in the direction of a growth in planetary energy capacity (capacitance), which leads to a highly excited or charged state in some of Earth's systems." In the aetheric cosmology that we have presented so far in this book, any spherical vortex of aether, such as the Earth's luminous plasma core, is capable of absorbing and discharging energy much like a capacitor would do in an electronic circuit. As established in previous chapters, luminous plasma has strong electromagnetic as well as torsion-field (gravispin) radiation.

Dmitriev concludes that "the most intense transformations [in the Solar System] are taking place in the planetary gas-plasma envelopes," and that these transformations are directly associated with how life on Earth (the biosphere) is able to function. A "gas-plasma envelope" is the combined entity of the layers of our atmosphere, our ionosphere of "charged particles", and the planet's magnetic field composition, such as the Van Allen belts. This "excess energy run-off" is becoming increasingly visible in the following ways:

- In the ionosphere by plasma generation.
- In the magnetosphere by magnetic storms.
- In the atmosphere by cyclones.

All of these high-energy atmospheric phenomena are "now becoming more frequent, intense and changed in [their] nature. The material composition of the gas-plasma envelope is also being transformed." All of these points will be

touched upon again later in the chapter.

One of Dmitriev's key concerns in this study is the effect that these changes will have on all lifeforms on the Earth. Using very carefully crafted language, Dmitriev ultimately shows an appreciation for the fact that these changes could lead to a spontaneous mass evolution of humanity as we now know it, creating "new and deeper qualities of life" with "new organismic possibilities of perfection":

The adaptive responses of the biosphere, and humanity, to these new conditions may lead to a total global revision of the range of species and life on Earth. New and deeper qualities of life itself may come forth, bringing the new physical state of the Earth into an equilibrium with the new organismic possibilities of development, reproduction and perfection... The current period of transformation is transient, and the transition of life's representatives to the future may take place only after a deep evaluation of what it will take to comply with these new Earthly biospheric conditions ... Therefore, it is not only the climate that is becoming new, but we as human beings are experiencing a global change in the vital processes of living organisms, or life itself; which is yet another link in the total process. We cannot treat such things separately or individually. [emphasis added]

Part Two of this book will deal specifically with the connection between aetheric energy, consciousness and biology, which will help us understand the truth behind Dmitriev's words. We will establish that the changes we are now witnessing are identical to previous phases of mass evolution of conscious lifeforms on Earth, as per Steven Jay Gould's theory of "punctuated equilibrium." These energetic changes do directly affect the structure of the DNA molecule.

8.3 CHANGES IN THE LOCAL INTERSTELLAR MEDIUM (LISM)

A variety of Russian scientists have concluded that we are moving into a higher area of aetheric density in the LISM, which is the single most important factor that is responsible for the observed Solar System changes in this model. As seen from the Earth, our Heliosphere is traveling in the direction of the Solar Apex in the constellation Hercules. According to Dmitriev in 1997, Dmitriev & Mahatmas in 1995 and Kruzhevskii, Petrov & Shestopalov in 1993, since the 1960's the Heliosphere has drifted into an area of the LISM that contains:

...[new] non-homogeneities [i.e. higher concentrations] of matter and energy containing ions [charged particles] of Hydrogen, Helium and Hydroxyl in addition to other elements and combinations. This kind of interstellar space dispersed plasma is presented by magnetized strip structures and striations. [emphasis added]

Western scientists may innately distrust the idea that there could be "magnetized strip structures and striations" in the LISM that would contain such charged particles. However, in this aetheric model we expect to see the same structures appearing on all levels of size. Figure 7.1 showed the Parker Spiral formation as it appears in our Solar System, and by the fractal principle there must be a similar formation in the galaxy. Figure 8.1 shows an overhead view of the Parker Spiral in the Solar System, with concentric circles indicating

the positions of the planetary orbits:

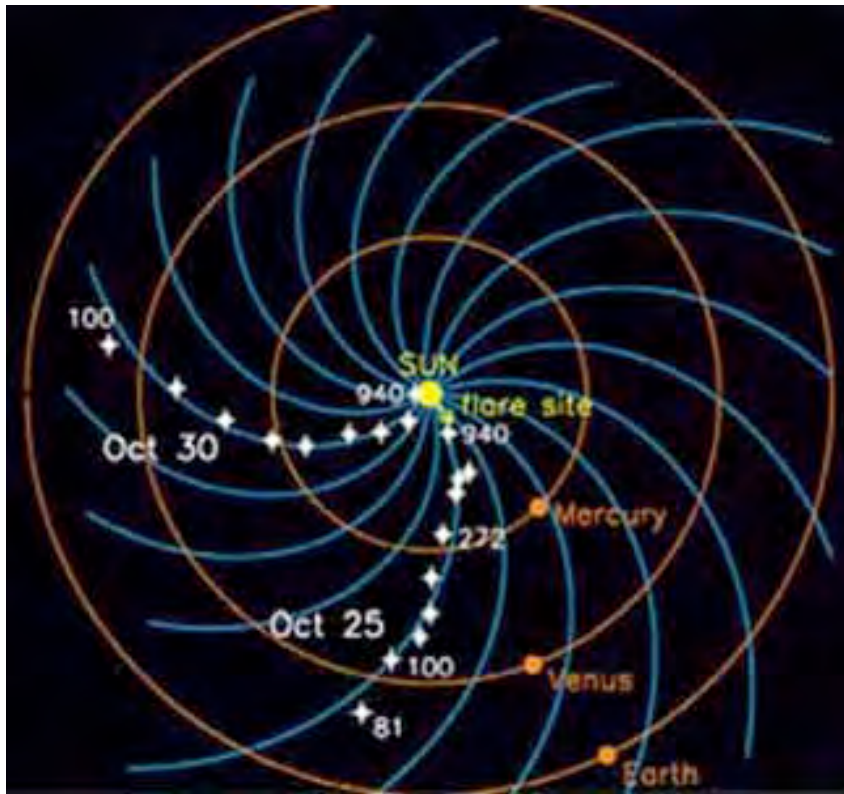


Figure 8.2 –

Overhead view of Parker Spiral energetic structure in Solar System.
(Courtesy NASA)

Each curving arm of the Parker Spiral that we see in Figure 8.2 does indeed represent a “magnetized strip” or “striation”, where there is a detectable increase in magnetic energy and charged plasma as our planet moves through it. Dmitriev’s evidence, as well as our own, clearly indicates that this structure must also exist at the galactic level, by virtue of the fractal, harmonic interconnectedness of the Cosmos. From here, Dmitriev’s quote continues:

The Heliosphere [solar system] transition through this structure has led to an increase of the shock wave in front of the Solar System from 3 to 4 AU, to 40 AU or more [1000% increase.]

The “shock wave” that Dmitriev is referring to here is what is known as the “termination shock,” and we can see it illustrated in Figure 8.3:

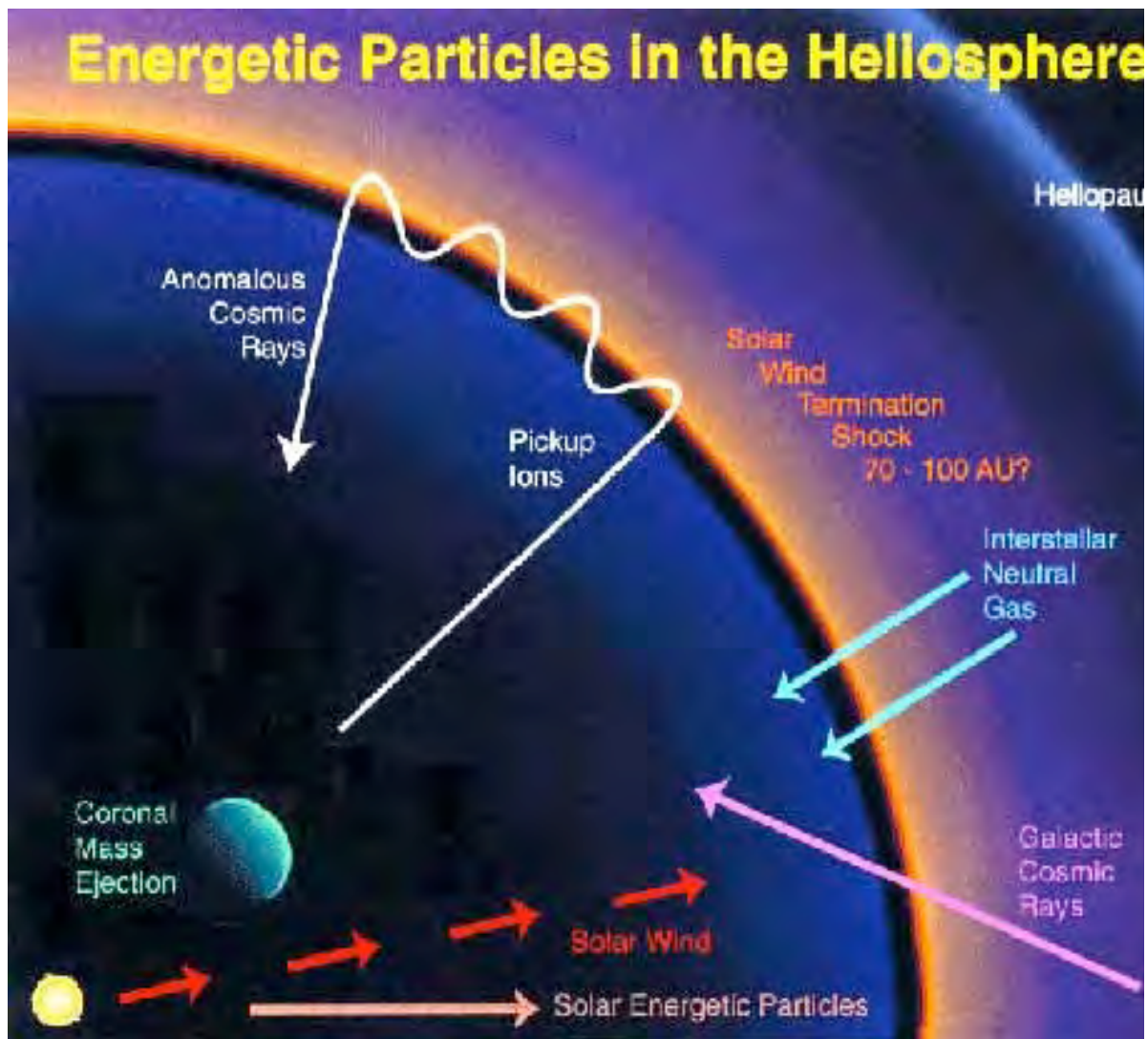


Figure 8.3 – Energetic activity of the Heliosphere, showing 70-100 AU termination shock.

One can assume from Dmitriev's wording that this termination shock of luminous plasma was measured at 4AU [i.e. four times the distance from the Sun to the Earth] by Russian astrophysicists in the early 1960s, and once the hydrogen, helium, hydroxyl and other charged particle combinations became more prevalent later in the 1960s, the size and brightness of the termination shock also increased, now by a factor of over 1000 percent. Similar research did not begin in the United States until 1978, according to Prof. D.E. Shemansky, [35] so Russian scientists had this information well in advance of NASA. Obviously, this extra brightness at the leading edge of the heliosphere is created much in the same way that the bottom of the Space Shuttle or a meteorite will become red-hot as it drifts from the low-density vacuum of space into the higher-density atmosphere of the Earth.

In more technical terms, Dmitriev goes on to explain what this 1000-percent or higher increase in the excitation of this magnetic boundary really means:

This shock wave thickening has caused the formation of a collusive plasma in a parietal layer, which has led to a plasma overdraft around the Solar System, and then to its breakthrough into interplanetary domains [5,6]. This

breakthrough constitutes a kind of matter and energy donation made by interplanetary space to our Solar System.

What this passage is essentially telling us is that a new layer of luminous plasma has been formed that surrounds the Solar System and is now flowing into the Sun, planets and interplanetary space, raising the overall levels of energetic activity that we have observed. Subsequent sections of this chapter will detail the specifics of this energetic change. However, before we begin surveying the surrounding evidence, it is interesting to research the big question on many Western readers' minds:

"If this is really happening, then why hasn't NASA ever talked about it?"

As we shall see, according to one distinguished Ph.D., [35] NASA seems to have a "persistent, pernicious bias" against any discussion of this heliospheric change, and will automatically assume, without question, that the LISM must maintain a "uniform density." Other, more esoteric-sounding explanations are proposed for the observed luminosity and energetic increases, such as "re-accelerated solar wind," that do not have the simplicity and elegance of Dmitriev et al's model.

One rare exception to the rule of "unchanging LISM density" that we found was in a 1999 interview with Gary P. Zank at the University of Delaware. [42] In this interview, Dr. Zank proposes that if the LISM density were to change, then catastrophe might result, and we "may not know when it was coming:"

"We're surrounded by hot gas," he said. "As our sun moves through extremely 'empty' or low-density interstellar space, the solar wind produces a protective bubble – the heliosphere around our solar system, which allows life to flourish on Earth. Unfortunately, we could bump into a small cloud at any time, and we probably won't see it coming. Without the heliosphere, neutral hydrogen would interact with our atmosphere, possibly producing catastrophic climate changes, while our exposure to deadly cosmic radiation in the form of very high-energy cosmic rays would increase."

Zank used the SDSC CRAY T90 in a study of the heliosphere, the envelope of solar wind that surrounds the solar system. Two effects included in the simulation ensure that the interaction of the solar wind with the local interstellar medium (LISM) is not stationary. The solar wind ram pressure varies on an 11-year time scale, and strong shocks are present during all phases of the solar cycle (although their frequency can vary)... Zank's calculations suggest that existing instruments might not detect an increase in the LISM sufficient to compress or collapse the heliosphere before the actual interaction had begun. [emphasis added]

Dr. Zank believes that we may encounter a random cloud of higher energy density in the LISM, whereas the galactic Parker Spiral model seems more plausible, since the same energetic structure has already been proven to exist in the Solar System. One key confession that we can glean from Dr. Zank's advanced research is that our existing instruments are not sensitive enough to detect a significant increase in the LISM density before we actually enter it. Therefore, it seems rather foolish for most Western heliophysicists to assume that the LISM must maintain a uniform density, if our instruments are not sophisticated enough to prove it. More evidence to support this point comes

forth from the European Southern Observatory (ESO):

...unfortunately there are no direct ways to measure the local interstellar electron (or proton) density, nor the local interstellar magnetic field, while these two parameters govern the structure and size of our heliosphere. Therefore, there is a need for indirect observations which can bring stringent constraints on the plasma density and the shape and size of the interface to allow for the choice of an adequate theoretical model. [emphasis added] [16]

Despite the ESO's stated need for "indirect observations" of the density of the LISM, such as those reported by Dmitriev, it is almost always assumed that the LISM must have an unchanging density for any "adequate theoretical model." [16]

Another example of "LISM density increase denial" would be in a paper by R.A Mewaldt from Caltech. [23] In the following quote, it is clearly acknowledged that Voyager 1 and 2 have detected anomalous "enhancements in the low-energy spectra" of the heliosphere. However, an increase in the density of the LISM is never mentioned as even a possible "seed population" for these energetic enhancements:

Suggested seed populations include solar energetic particles (RSEPs), re-accelerated solar wind (RSW), and ions energized by co-rotating interaction regions. These re-accelerated components provide a possible explanation for enhancements in the low-energy spectra of Mg, Si, S and other elements observed by Voyager 1 & 2 beyond 60 AU (Stone and Cummings 1997; Cummings and Stone 1999). There are also unexpected and unexplained increases in the low-energy spectra of several elements reported at 1 AU (e.g., Takashima et al. 1997; Klecker et al. 1998; Reames 1999). [emphasis added]

So, from this study it is very clear to see that Western heliophysicists have indeed discovered "anomalous, unexpected and unexplained increases" in the energetic activity at the termination shock of the heliosphere, as we have expected from Dmitriev's model. Yet, instead of admitting that the LISM density might have changed, they simply "consider new estimates of the neutral populations of elements in the ISM", among other complex and problematic explanations that are only possible, not proven. No matter what models for "re-accelerating" solar energy are proposed, the fact is that energy must be conserved. The simplest explanation for the increase in the heliosphere's energetic charge is that it is being added by an outside source.

One professor, Dr. D.E. Shemansky of the University of Southern California, has dared to make a particularly bold statement about this problem, suggesting that there is a deliberate effort in place by NASA to avoid any discussion of his "first evidence" for a "large increase" in the energetic density of the LISM [35]:

Research on the properties of the Local Interstellar medium have been carried out in scattered periods beginning in 1978. The NASA Space Physics Division has shown a persistent pernicious bias against work on the effects of the neutral gas in the LISM in the United States, from the time of the formation of the Division... The most important contributions to research in this program are papers (48), which presents a calibration independent method of

determining absolute LISM density, and (89), which presents the first evidence for a large increase in the LISM neutral atomic hydrogen density from Voyager measurements of the 50 AU region... [emphasis added]

It is certainly interesting that Dr. Shemansky would say that NASA has displayed a "persistent, pernicious bias" against this work. The Microsoft Word 2000 thesaurus indicates that the word "pernicious" is synonymous with "destructive, harmful, deadly, evil" and "insidious." So, the question must be asked: Why would there be a "deadly" and "insidious" interest on the part of NASA in not asking these crucial questions about an LISM density increase?

The answer might well be found in the studies from Russia such as those of Dr. Dmitriev, where it is well-established that this LISM density increase is underway, and that it is causing massive energetic changes throughout our entire heliosphere. These changes fit perfectly with worldwide ancient prophecies, including those of the Judeo-Christian Bible, describing events that would transpire in "end times," or what other cultures referred to as "the dawning of the Golden Age." It is undeniable that the media ridicules and ignores the UFO question, evidence of sunken ancient cities, Martian monuments and the like. [39] The door has now opened a crack with the admission of "Global Warming," but the massive changes in the Sun and planets are discarded footnotes. Another clear area of suppression is in the real meaning of "redshift," which holds the key to giving us a complete model to prove that changes in LISM density can and must exist:

8.4 "REDSHIFT" ENERGY VALUES AND AETHERIC DENSITY LEVELS

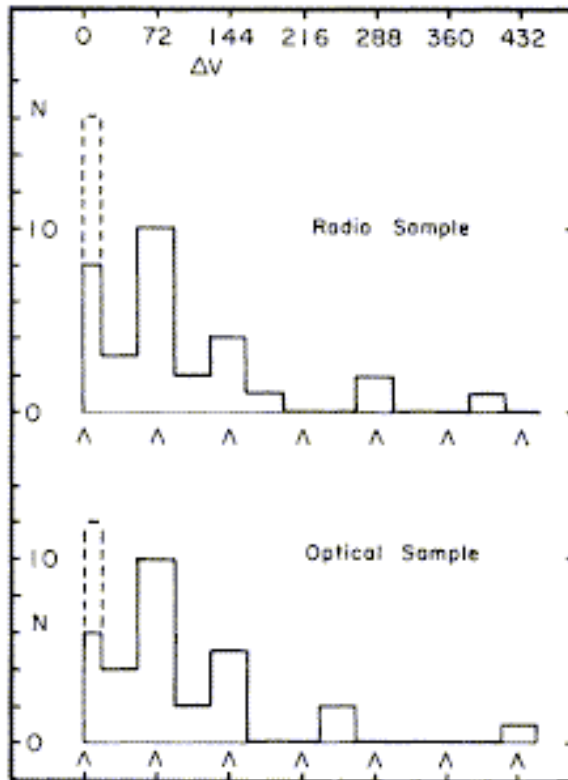


FIG. 1.—The distribution of redshift differences for double galaxies in the accurate radio sample (*upper*) and best optical sample (*lower*). Numbers are counted in cells 36 km s^{-1} wide centered at $N \cdot 72$ for $N = 1-7$. The number in the $0-18 \text{ km s}^{-1}$ cell is doubled since the width is half the other cells.

Figure 8.4 – Dr.

William Tifft's "quantized" changes in "redshift" microwave data.

Indeed, a complete mathematical model already exists that can be combined with direct observational evidence to prove that galaxies must have regular, organized changes in their LISM density levels. In the book *Seeing Red*, the respected and controversial astrophysicist Dr. Halton Arp has shown rigorous, voluminous evidence to prove that "redshift" has nothing to do with the distance of a celestial object, as is currently believed. [30, 31, 37, 38] Simply put, redshift is a measurement of how much of the microwave spectrum of reflected starlight shines near the 'red' end of the 'rainbow.' Sir Edwin Hubble proposed a theory that seemed plausible at the time, since it appeared that the farther an object was from the Earth, the higher its redshift.

Arousing similar controversy, Dr. William Tifft has proven that redshift is "quantized," meaning that it only occurs in certain regular harmonic intervals, as seen in Figure 8.4. [1] Another proof for Tifft's discovery can be seen in the graph of quasar data in Figure 8.5 [38]:

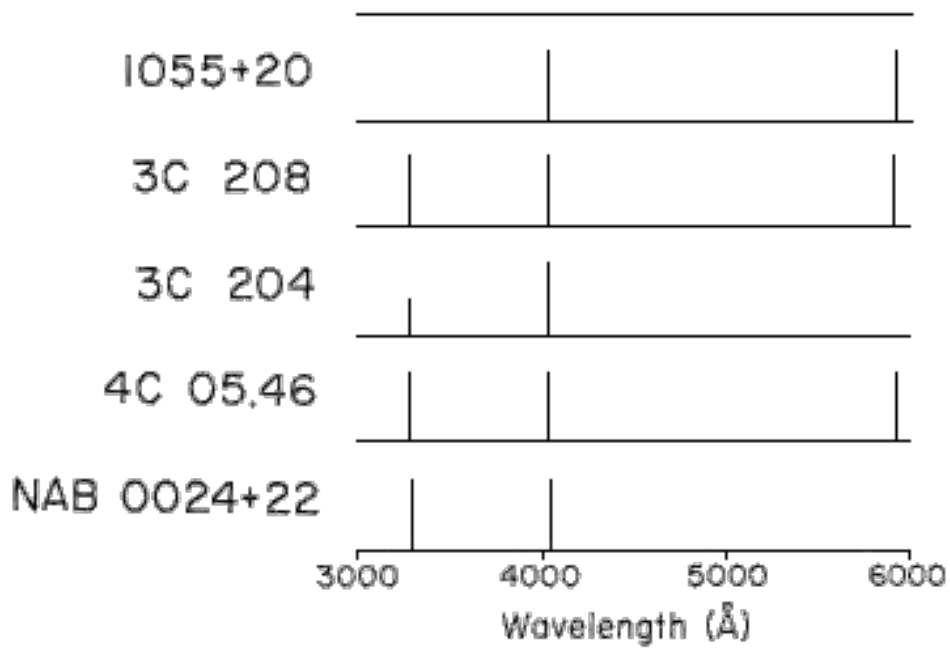


Figure 8.5 –

Quantized values for 'redshift' in nearby quasars.

Clearly, if the wavelengths in Figure 8.5 were an indication of distance, and all redshift values only fall into certain exact intervals with nothing whatsoever in between, then it would imply that the Earth was the center of the Universe. All quasars in the Universe would naturally have to fall into discrete "shells" of distance away from the Earth, as seen in Figure 8.6. [38] This places us right back into the medieval "geocentric" models of the Universe!

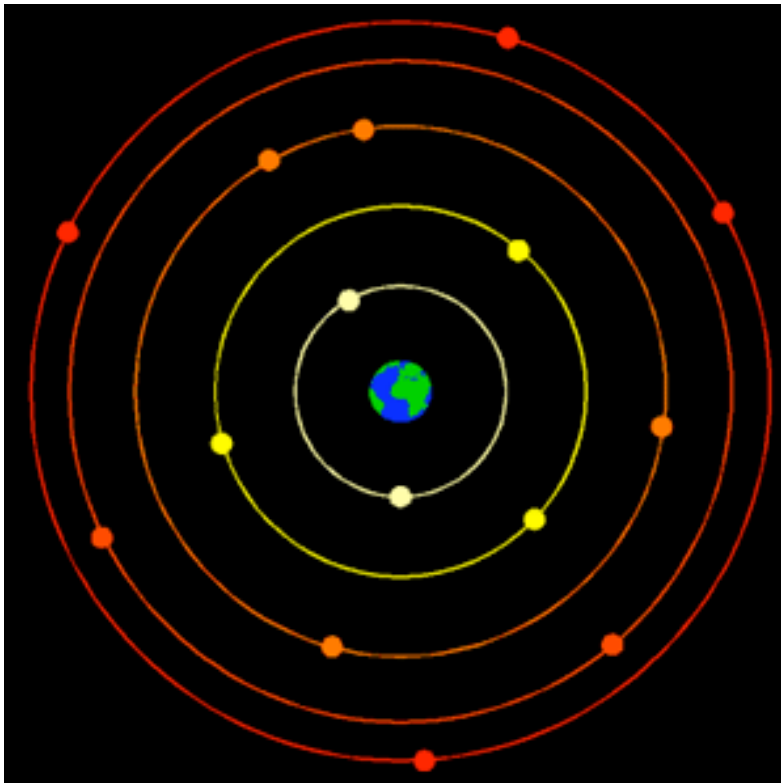


Figure 8.6 – The Earth-

centered Universe as seen from the mainstream redshift theory.
(Courtesy J Talbot)

Simple common-sense knowledge of our position in the Galaxy would tell us that the Earth is not the center of the Universe; the major problem that we then face is that redshift is the primary method that astrophysicists use to calculate the distances of celestial objects. What we are faced with, instead, is a very strange anomaly that screams of "harmonics", the basic vibratory patterns of sound in any given medium, which we would expect to see in aetheric models of the Cosmos. [39]

For our next key point, let us not forget that the luminous plasma formations observed by Dr. Erling Strand in Norway, (discussed in Chapter Five,) would spontaneously appear and disappear from view, with a temperature as hot as the Sun one second and no measurable temperature the next. Yet, throughout this entire time, the plasma formations could still be tracked on radar and / or in the infrared spectrum. We have concluded that these plasma formations are oscillating between two major levels of aetheric density, namely our own level and the level directly above our own. (Most thinkers would erroneously call these density levels "dimensions.") [39]

When the plasma moves (displaces) into the higher density, its visibility and immense heat disappears, but it still emits higher-spectrum wavelengths such as infrared and very probably microwave as well. Therefore, when we see even, quantized harmonic values for all the microwave radiation that we observe from distant celestial objects, it is certainly plausible that this could be a sign of changing levels of aetheric energy density.

The final proof comes from Dr. Harold Aspden of Cambridge University, who has indeed mathematically proven that the aether has varying levels of density, creating what he calls "space domains." [1] He describes each different level of interstellar medium (ISM) density as follows, and we have paraphrased in brackets to ease comprehension:

One can say that... each [aetheric density level] corresponds to the number of electrons and positrons that can be created as a group [after] an aether particle [is annihilated] and the aether space thereby vacated [is then filled up by the electrons and positrons]... there are many such different domain regions in the whole expanse of the universe.[emphasis added]

So, an "aether particle" is the same as what Dr. Vladimir Ginzburg has called a "field bubble" in Chapter Two. According to Aspden's theory, the denser the ISM will be, the smaller the "aether particles" will be in that area, since they are under greater pressure. If an "aether particle" is then annihilated, a sudden empty space is formed, and electrons (photons) and positrons will rush into the empty space. The electrons (photons) and positrons do not change in size, so less of them would fit into a smaller space than would fit into a larger space.

Dr. Aspden's data shows that only a certain exact number of positrons and electrons can fit in such an empty space, once it has been created. For each density, the number of particles that will fit in the empty "field bubble" of space is known as "N," and it has a maximum value of 1843, which is the number for our own density. The density above our own has an N of 1842, the next has an N of 1841, and so on, since the field bubbles in each new density are smaller than the previous density. As can be studied in more detail on Aspden's site, the mathematics behind this statement are quite involved, but

his data provides a perfect means to calculate formerly unsolved mystery numbers in the quantum realm, such as the fine-structure constant, (see Ch. 2-3 of this book,) at the “part-per-million level of precision.” Furthermore, this work was deemed worthy of being published in the prestigious Physics Letters A in 1972. [2]

Here’s the simplified punch line: when Dr. Aspden first saw Tifft’s quantized redshift values, he realized that they were identical (!) to the values that corresponded to aetheric density levels in his model. [1] Yet, when Aspden tried to publish a follow-up to his original 1972 paper in Physics Letters A, complete with the direct observational evidence from Dr. Tifft to prove that these areas of higher density exist now in the Universe, the paper was anonymously rejected as “numerological” and all further appeals failed – even though his new paper only added direct, visible evidence to what had already been accepted and published in the same journal in 1972. The falsely rejected paper can still be read on Aspden’s website in Tutorial 10, complete with his rebuttals to their criticism. In conclusion, Aspden makes the following interesting speculations:

As can be verified, the 72.5 km/s steps reported from astronomical observation are in precise accordance with the theory under discussion... Such domains [of aetheric energy density] have bearing on geological events such as geomagnetic field reversals, [which occur] as the solar system transits through boundaries separating adjacent space domains. [emphasis added]

Naturally, this connection between aetheric density and geological events is exactly the same as the conclusions being made by Dmitriev et al, with Aspden providing a solid, mathematical model that dramatically strengthens the case.

Even more significantly, on page 764 of *The Vital Vastness – Volume Two* by Richard Pasichnyk, we read the following:

High redshift is usually connected with features pointing to the youth of a galaxy. Redshift is also a function of the positions in the systems, which indicates strong intergalactic fields that influence redshifts. Likewise, individual galaxies display redshift gradients from their inner to far limits. [emphasis added] [31]

Since we were obviously quite interested in this data point, Pasichnyk communicated to us that this “galactic redshift gradient” discovery was actually published by astrophysics graduate students, since the mainstream would never allow such work to get through. Nonetheless, further observational research will undoubtedly only serve to confirm this data ever more concretely than before. This effectively proves the existence of a Parker Spiral-type formation of changing aetheric energy levels in the Galaxy, as can be visualized in Figure 8.2.

Pasichnyk then continues by saying that the amount of redshift that is emanating from the core of our own Milky Way Galaxy is of an almost unimaginably massive strength, compared to any conventional explanations:

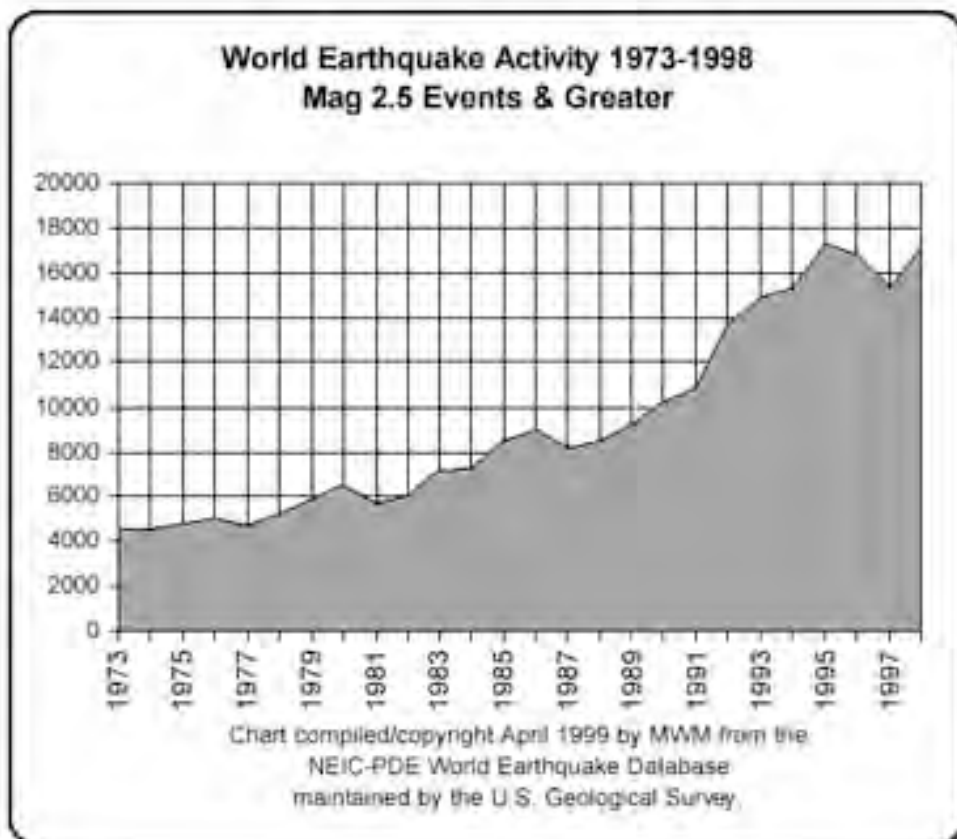
A redshift field is also found in the plane of the Milky Way with what conventional theory would call an “expansion” (Hubble constant) that is ten

times higher than the Universe as a whole. [emphasis added]

With the Arp / Tifft / Asdpen model in place, this proves that the Galactic Center is by far the greatest source of aetheric / torsion-field energy in the Galaxy, as we have already proposed in our own model, laid out in the previous chapters.

Now that we know that these aetheric energy levels can and must exist in the interstellar medium of our galaxy, and that **there appears to be an ongoing, quite deliberate effort to suppress this information by NASA**, Physics Letters A and other mainstream Western sources, we are ready to continue examining the direct physical proof of the changes that this event is producing. Though much of this material comes from Dr. Dmitriev, we have also added additional research data to strengthen the case even more. The Earth, the Sun, the planets and the space between the planets are all showing major signs of energetic change as the higher-density energy of the LISM continues to stream into the heliosphere in greater and greater concentrations.

8.5 ENERGETIC CHANGES OF THE EARTH



Figure

8.7 – Earthquake Activity over 2.5 on the Richter scale, 1973-1998 (Courtesy Michael Mandeville)

As the Bush administration now acknowledges publicly, it is evident that "specific, far-reaching effects" are underway on Earth that will "substantially change the United States in the next few decades." Going well beyond the "global warming" content of the Bush administration's report, we know that

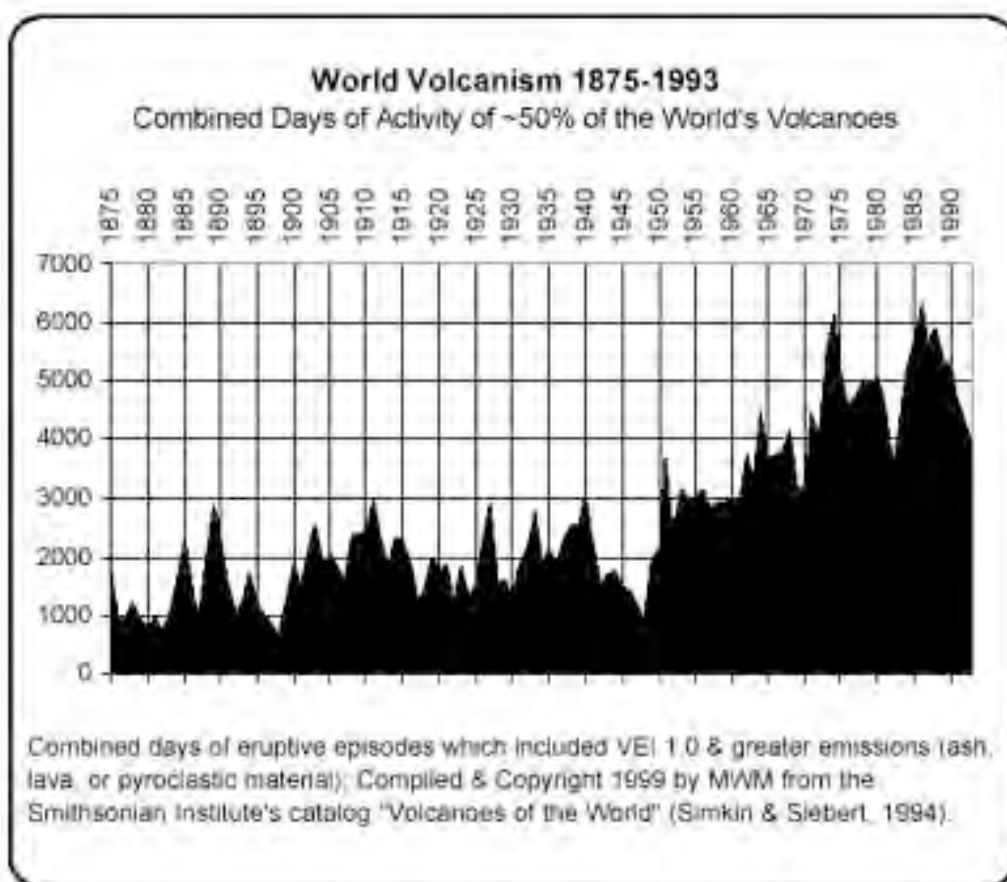
our weather patterns have become increasingly chaotic, damaging and unpredictable. We have hurricanes, typhoons, tornadoes, mudslides, floods, droughts, and other catastrophes occurring on an ever-increasing basis. As one example, the awesome mid-1990's Hurricane Andrew was almost as large as the entire state of Texas.

One could argue that the unchained force of nature is a far wider threat to Americans than terrorism. Dr. Alexey Dmitriev's calculations suggest that:

The dynamic growth of significant catastrophes shows a major increase in the rate of production since 1973. And in general, the number of catastrophes has grown by 410 percent between 1963 and 1993. [emphasis added] [15]

Based on the surge in activity that has been seen since this study was made, we can assume that a more updated statistic may now be as high as 600 percent. And again, this exhaustively-researched figure includes all forms of catastrophe, including earthquakes, volcanic activity, tornadoes, hurricanes, floods, droughts, et cetera. Yet, no mainstream source would appear to be willing to make such a bold statement at this point, since "global warming" is ruled out.

Along the same lines, a researcher named Michael Mandeville has clearly shown that worldwide, the number of earthquakes over 2.5 on the Richter scale have increased by as much as 400 percent since 1973, as seen in Figure 8.7. [22] Furthermore, Figure 8.8 shows that volcanic activity has also seen an almost 500-percent increase between 1875 and 1993. [22]



Figure

8.8 – Worldwide volcanic activity increases 1875-1993. (Courtesy Michael Mandeville)

These statistics can also be examined farther back in time as well. Before we had modern seismic equipment, the severity of an earthquake was measured by the number of people who were killed. Based on this measurement scale, in 1999 the National Earthquake Information Center of Russia published a list of the 21 most severe earthquakes in the world since 856 AD. Fully nine out of the 21 biggest quakes since 856 AD were in the 20th century. [36] This study was mentioned by Dr. Sergey Smelyakov and will become a key aspect of discussions in Part Two.

Now we must keep in mind how unusual all of these changes are, from a conventional scientific standpoint, as they represent "action-at-a-distance." As we established in Chapter Five, we believe that **the primary cause for earthquake activity is energetic increases in the core.** When these increases occur very rapidly, due to a sudden Solar emission, some of the luminous plasma in the core is compressed into a higher aetheric energy density level by the intense surrounding pressures. Such a density shift allows the plasma to move freely through third-density matter. This hyper-compressed plasma then bubbles up through the Earth's mantle, and once the pressure is relieved, it displaces back down into the density of "physical matter." A great explosive force is created as this intense heat is then released in a much cooler area, and this would certainly have an impact on geophysical activity, both for earthquakes and volcanoes.

We remember from the beginning of this chapter that Dr. Dmitriev reports that there are also changes occurring in our "planetary gas-plasma envelopes" that are not being caused by human pollution. [15] New plasma is being generated in the ionosphere, greater magnetic storms are appearing in the magnetosphere, and cyclones are increasing in the atmosphere. Dmitriev also indicated that "the material composition of the gas-plasma envelopes" of the planets is also changing. More specifically, on Earth we have seen a significant new growth of HO₂ (hydroperoxyl) gas at an altitude of 11 miles, which is completely inexplicable by any known source or mechanism, including ozone depletion or human pollution via "global warming." [15] A separate Russian study confirmed that the total amount of cloud cover across the globe has significantly increased just in the last century.

Additionally, ESO reported in 1994 that two new, unexpected populations of cosmic particles have been discovered in the Van Allen radiation belts that surround the earth [4]:

- 1 A new sheaf of electrons, greater than 50MeV in density, is now being injected into the Earth's inner magnetosphere during times of abrupt solar magnetic storms known as Coronal Mass Ejections, or CMEs.
- 2 A new belt is emerging in the Van Allen radiation bands around the Earth. This new belt contains ionic elements that were traditionally found only in the composition of stars.

According to Dmitriev, these anomalies are directly being caused by a newly changed quality of interplanetary space, which he feels is acting as a transmission mechanism to allow the planets to interact with the Sun and heliosphere to greater degrees than ever before. [In our model, based on Kozyrev, Mishin, Shnoll [39] and other researchers' discoveries, torsion

radiation will automatically provide such functions.] Even more importantly,

This newly changed quality of interplanetary space... exerts stimulating and programming action upon the Solar activity, both in its maximal and minimal phases.

What Dmitriev is trying to tell us here is that this highly-charged energy in the space between the planets has formed a two-way "circuit" that allows events on Earth to affect the Sun, not just the other way around.

Returning to the Earth itself, another curious anomaly that we observe is the phenomenon of La Nina or El Nino. On many weather satellite photographs, such as in Figure 8.9, there is clear infrared data to show that a massive sub-surface heating of the Earth's oceans is now occurring:

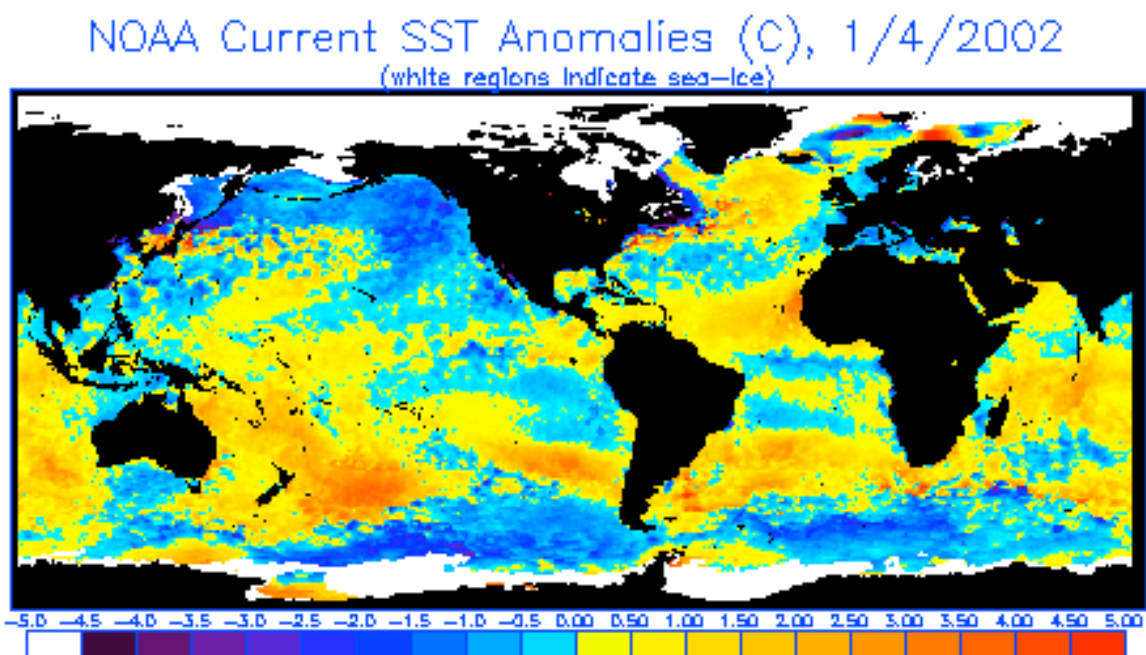


Figure 8.9 – Massive sub-surface temperature anomalies in the Earth's oceans.

(Courtesy NOAA)

Solar radiation is by no means strong enough to cause this heating, as these temperature anomalies emerge deep beneath the surface of the oceans. This suggests that the oceans are being heated from within the earth itself. [3] Furthermore, Dr. Dmitriev has shown that the strength of the Earth's magnetic field rises up and down in direct synchronization with these temperature changes in the ocean. Furthermore, there is a 0.22 degrees C change in worldwide temperatures over the course of 30 days that correlates precisely with changes in the middle frequency of Earth's magnetic field. [15] Hence, the Earth's core of luminous, magnetized plasma is directly responsible for these changes. As the pressure of the plasma suddenly increases, there is a surge in the strength of its magnetic field and a rise in its thermal level, rising the ocean temperatures. Similarly, the Novosibirsk Klyuchi Observatory in Russia has reported that the height of the magnetic field is growing by up to 30 nanoteslas per year, again showing changes in the core.

This increasing heat energy of the Earth's core can also be seen in the rapid

melting of our polar icecaps. The Ross Ice Shelf of Antarctica, which is as large as the state of Rhode Island, fully broke off and dropped into the ocean in the year 2000, as have several others in the last decade. This process has greatly accelerated in speed throughout 2002, with three gigantic chunks breaking away from the continent in only a few months of time, the two most recent being named C-18 and C-19. This news is becoming so prevalent that even the Bush Administration finally had to come forward and admit that "something is happening."

The magnetic poles have been rapidly shifting their positions as well, leading up to what many authorities believe will be a complete shift in their north-south orientation. As frequently reported on the Art Bell international radio program, our own Magnetic North is drifting away from its normal position at an ever-increasing speed. This is occurring so fast that airports all over the world are having to repaint their runways to follow the Earth's changing magnetic field, since airplanes must use compasses to land. It has been suggested that this can also be seen in significant changes to the navigational patterns drawn into airline flight maps over just a ten-year period from 1990 to 2000, though we have not seen this personally.

This magnetic change is also affecting the animal kingdom. Massive numbers of marine animals have been anomalously beaching themselves, and many other migratory animals, birds and fish are becoming confused and breaking their normal migration patterns. Dramatic cases of mass bird deaths have also been reported in the last few years, with no concrete explanations offered. As one example of avian migratory confusion, in 1999, radio talk show host Art Bell and collaborator Linda Moulton Howe reported on two different homing pigeon races that were conducted on the East Coast, where a completely unprecedented number of the pigeons became hopelessly lost while traveling along a well-known route, and never returned.

Furthermore, in *Coming Earth Changes: The Evidence*, Dr. William Hutton reveals that **Earth's inner core not only rotates faster than the outer core, but it actually rotates at a different angle than the outside of the Earth.** [17] This certainly suggests that a shift in orientation has already occurred on the inside of the Earth and will soon complete itself on the outside as well.

Dr. Dmitriev and others remind us that as the Earth's magnetic poles continue to drift, they are traveling through a "magnetic pole shift corridor," which is a narrow strip that they have always followed in the past prior to a complete magnetic pole reversal. Such reversals are not unusual, as we know that the magnetic poles have continually flipped from north to south in various lengths of time throughout history. In Figure 8.9 we can see the patterns, which were determined by analyzing the orientation of magnetized iron molecules released in the lava from the undersea ridges. As each new layer of lava cools along these ridges, the iron molecules orient themselves to the position of the Earth's magnetic poles at that particular time.

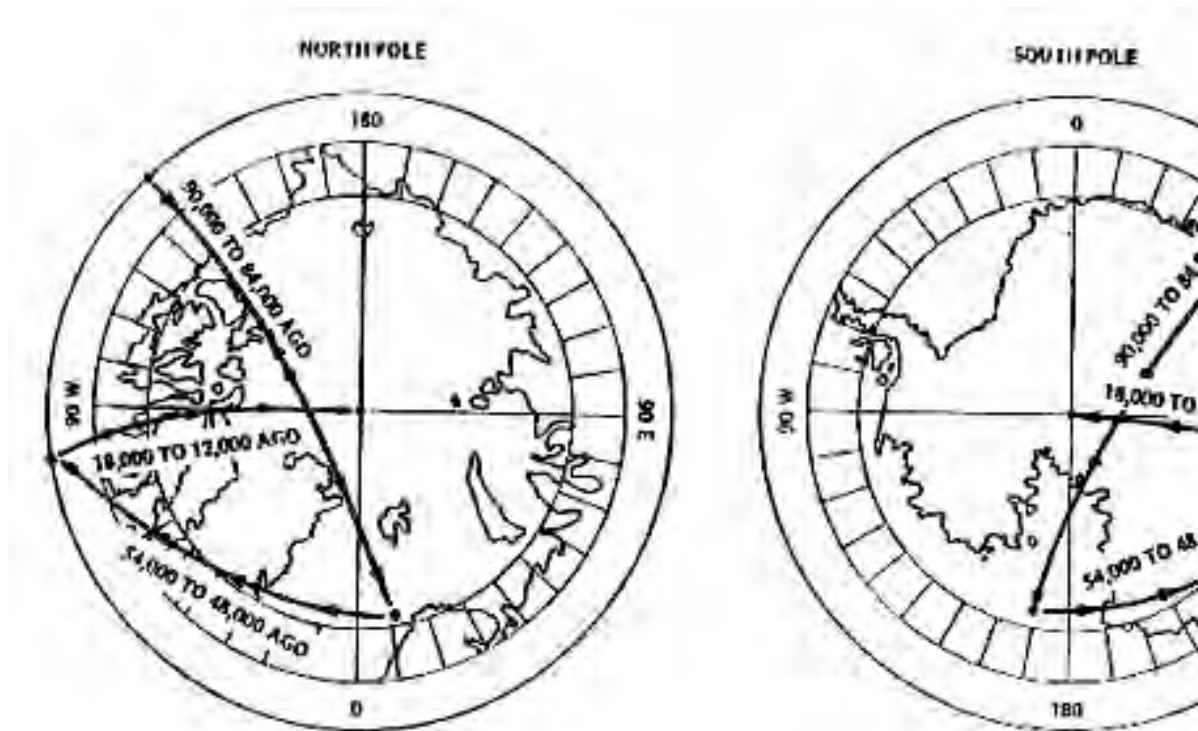


Figure 8.10 – Earth's Magnetic Pole Shift Corridors for past three major shifts. (Courtesy Maurice Chatelain)

Furthermore, geologist Gregg Braden shows that all the ingredients for a magnetic polar reversal are now occurring again. [6] The first ingredient is that the strength of our gravitational field is extremely weak, in terms of Earth's overall history. With a grade of 10 being the strongest, we are now very close to 1, at the bottom of the scale. Secondly, the strength of the magnetic field is approximately 38% lower than it was 2,000 years ago, and it is now measured to be decreasing at an average rate of about 6% per 100 years, according to Swedish scientist N.A. Morner in 1988. Thirdly, the earth's electromagnetic energy vibrations, known as the Schumann resonance, appear to be rapidly increasing above the standard 7.8 cycles per second to reported values of 8.6 or higher in certain areas. Every time that these three ingredients have combined in Earth's past history, says Braden, a magnetic pole shift has occurred.

So based on this idea, many researchers have concluded that it will cause a tremendous cataclysm that will extinguish human civilization as we know it. When our magnetic protection shield goes down, we will get a massive burst of solar radiation that has historically been linked with mass extinctions. It is important for us to state here that most people do not understand the metaphysical implications of this burst of new energy; in Part Two of this book we will prove that it is directly associated with a spontaneous transformation of matter, energy and consciousness.

8.6 SOLAR CHANGES

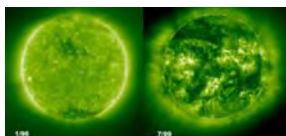


Figure 8.11 – Solar Activity at 1996 minimum (L) and 1999

maximum (R).
(Courtesy NASA)

When we turn our focus towards the Sun, we find similar anomalous increases in overall energetic activity. A team at the Rutherford Appleton Laboratory near Oxford, led by Dr. Mike Lockwood, has discovered that in the last century, the overall strength of the Sun's magnetic field has more than doubled, becoming 230 percent stronger than it was in 1901. [20] Even more interestingly, this rate of magnetic field growth is continually increasing in speed.

Dr. Alexey Dmitriev reports that:

As a whole, all of the reporting and observation facilities give evidence to a growth in the velocity, quality, quantity and energetic power of our Solar System's heliospheric properties. [emphasis added]

And let's remember that the heliosphere is the magnetic field that emanates from the Sun, surrounding our Solar System and beyond.

Every 11 years there is a major increase in the amount of Solar activity, and we have again hit this solar maximum in the period of 2000-2002. In Figure 8.11, which is tinted green for contrast, the difference between the solar minimum of 1996 and the maximum of 1999 is quite obvious. Furthermore, this current solar maximum has defeated all predictions for when it would end; it continues to show high levels of activity in summer of 2002, though it was originally expected to peak in 2000 and rapidly decline.

During the previous solar maximum in 1989, a very powerful X-ray flare on March 5th led to the Sun emitting a stream of high-energy protons, which flowed to the Earth continuously until March 13th. As reported by Chatelain and Gilbert in *The Mayan Prophecies*, this event caused the Earth's magnetic poles to deviate by a whopping eight degrees in only a few hours, which was the most substantial sudden change in Earth's magnetic field since 1952. This event also caused serious disruption of communications systems, created intense aurora borealis phenomena and completely collapsed the Canadian power grid, with more than a million people losing their electricity for several days.

Furthermore, Dr. Aleskey Dmitriev has correlated intense solar emissions with Earth phenomena including severe weather such as hurricanes and tornadoes, earthquake activity and volcanic activity on Earth. This same information has been rigorously documented by Richard Pasichnyk in *The Vital Vastness* book series and his *Living Cosmos* website. [31] Again, this "action-at-a-distance" is caused by torsion radiation, whose effects were scientifically proven by Dr. N.A. Kozyrev and others, as discussed starting in the first chapter of this book.

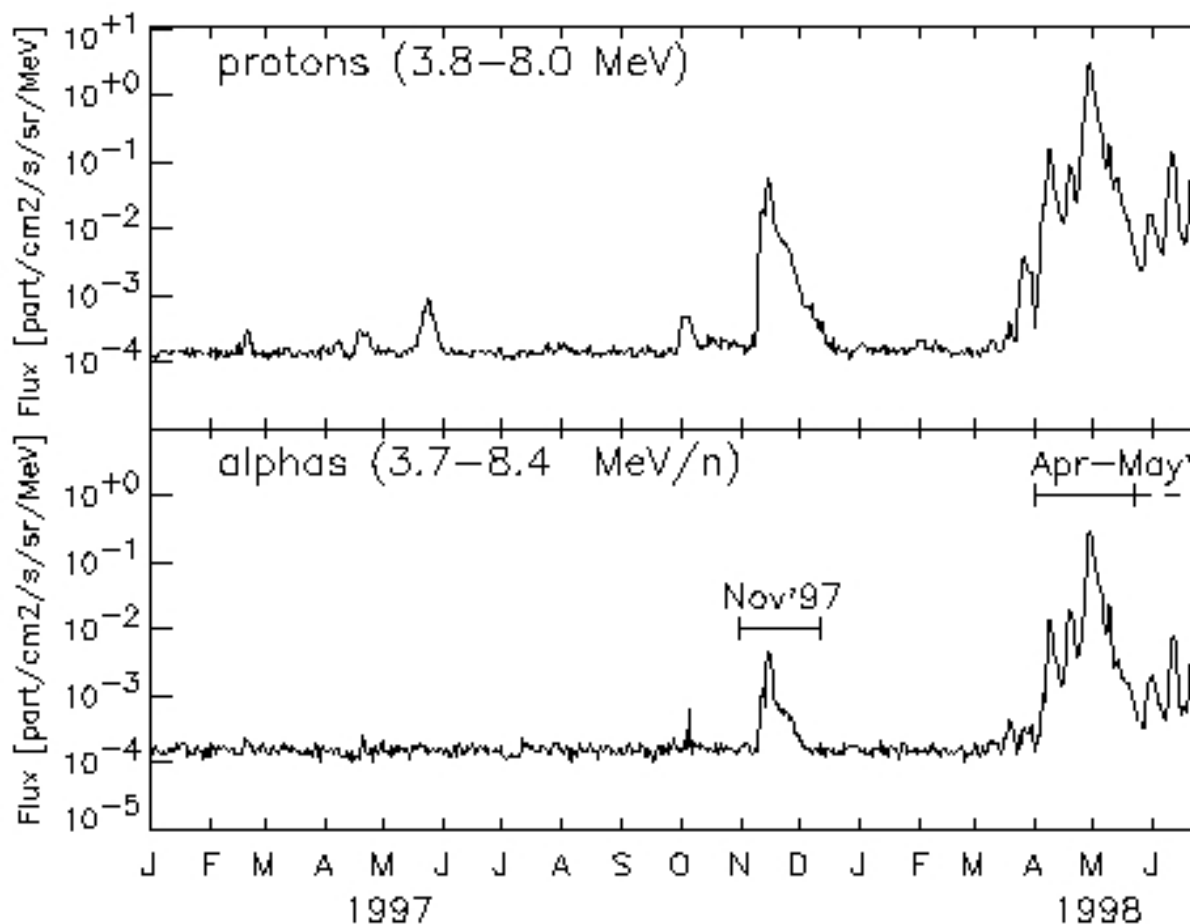


Figure 8.12 – Surges in solar proton flux activity, 1997-1998. (Courtesy NASA)

In 1995, NASA deployed the Ulysses spacecraft out to orbit the Sun at high altitudes and make specific readings. To everyone's surprise, the Sun had lost all signs of its normal magnetic field; there was no north pole, no south pole, just a field of constant intensity over the entire surface. No one could begin to explain this and as Dr. Dmitriev states, this "drastically changed the general model of heliomagnetism, and further complicated the magnetologists' analytic presentations."

Arguably the ultimate energy release from our Sun comes from what are known as coronal mass ejections. In these cases, the entire Sun releases a super-flash of energy over much of its surface simultaneously, which travels out into space as a halo-like expanding bubble that can contain up to ten billion tons of electrified gas. [28] Not surprisingly, Dr. Dmitriev explains that with each passing year, these super-flashes are actually traveling faster through space than ever before! This is the same reason as why you can swim faster in water than molasses; interplanetary space has become a better conductor. This shows us another consequence of our heliosphere's movement into an area of higher aetheric energy density.

So, on November 6, 1997 there was a huge coronal mass ejection rated at a tremendous X level of 9.1, which NASA labels as being, quote, "severe." For 72 hours, the Earth was charged with highly energetic protons. The conventional models had predicted only one severe event for 1997 when in fact there were three, which shows a 300-percent increase. And as Figure 8.12 shows, the severity of this event in November 1997 was later outstripped

by an even greater intensity of events in April through May of 1998.

Even more recently, from May 10th through 13th of 2000, the energy and dust streaming out of the Sun known as the "Solar Wind" abruptly shut off, causing NASA to announce that this was, quote, "the most drastic and longest-lasting decrease" ever observed. [25] This created huge auroras on Earth and caused the magnetic field to swell to between 500 and 600 percent of its normal size. Many international satellites confirmed that this was the single largest expansion of the Earth's magnetic field they had ever witnessed. The graphic on the left shows the Earth's magnetic field in a more compressed and energetic state, whereas the graphic on the right shows a more relaxed state that allowed the expansion to occur. The blue end of the spectrum shows a higher degree of magnetic energy charge than the red.

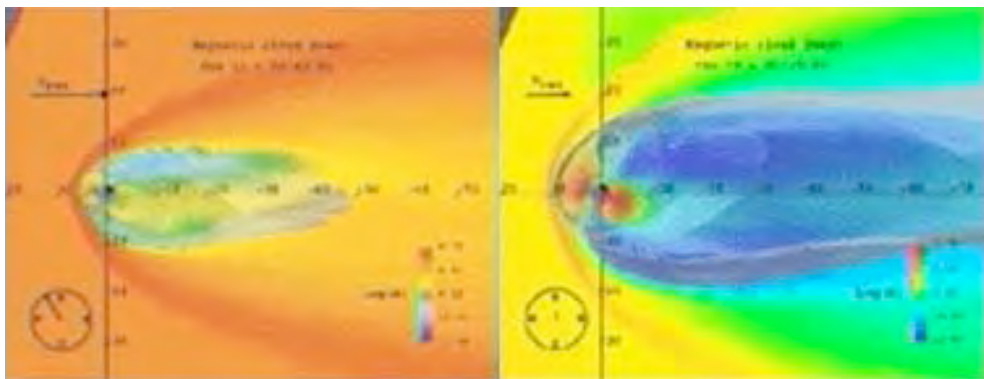


Figure 8.13 – 500-600% expansion of Earth's magnetic field after solar wind shutdown. (Courtesy NASA)

Then, on July 14, 2000, a massive solar flare shot directly at the Earth. Protons from the Sun came to us in only fifteen minutes, which NASA indicated as being one of the fastest traveling speeds ever seen. [26] The speed of pure light itself is only less than twice as fast as this, at 8 minutes travel time from the Sun to the Earth. Normally, energetic protons are not thought to travel this close to the observable speed of light. After this flare, a coronal mass ejection was released that traveled fully 200 percent faster than conventional models expected. A variety of satellites and equipment were either disabled or shut down completely, including the Japanese "Advanced Satellite for Cosmology and Astrophysics," which was so damaged that it was actually sent reeling blindly in its orbit.

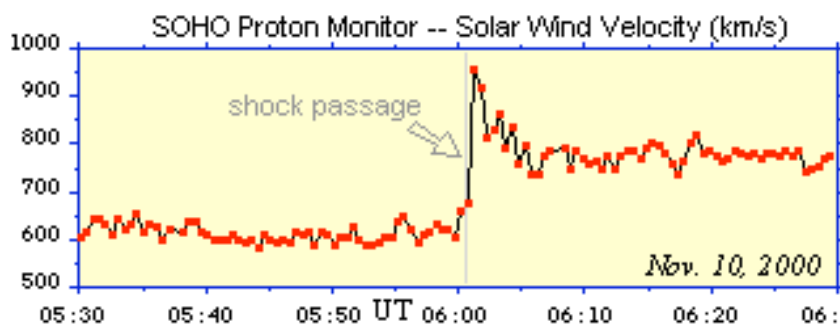


Figure 8.14 – Surge in solar wind velocity after CME on Nov. 10, 2000. (Courtesy NASA / SOHO)

On Nov. 8, 2000, a massive flare was soon followed by a coronal mass ejection that created one of the most intense radiation storms in decades.

[27] The shock wave hit the Earth in only 31 hours, arriving on Nov. 10, which is easily twice as fast as NASA scientists had expected. As we can see in Figure 8.13, the speed of the solar wind surged from 600 to nearly 1000 kilometers per second as the shockwave passed, and the amount of high-energy protons that were measured around the earth at this time spiked to a level that was fully 100 thousand times greater than normal. Both the SOHO and Stardust satellites were not built to withstand such an impact, and were rendered blind by the surge in radiation, which made them incapable of "seeing" the stars they normally use for orientation. [27]

In the second week of February 2001, the Sun was still quite active, continually bombarding the Earth with particles. At this time, NASA first reported that the Sun's magnetic poles were in the process of reversing, as is normally expected at the end of every eleven-year solar cycle. As this reversal began, the energy streaming into the Earth was again suddenly increased, causing a number of very serious, very high magnitude earthquakes. Most conventional scientists are still refusing to make such obvious connections.

Between January 12 and 25, we saw a 6.9 earthquake on the coast of Alaska, a 7.6 earthquake in El Salvador [13], and a 7.9 earthquake in Gujarat, India. [14] Then on Feb. 28, a 7.0 quake struck Seattle, Washington, and the HAARP program's fluxgate magnetometer measured a sudden dip in the Earth's magnetic field strength from zero to -200 gamma as this earthquake occurred. This shows how the pressure on the Earth's luminous plasma core caused it to temporarily eject a great burst of its energy to create the Seattle earthquake. As the Earth released this sudden charge, there was a momentary, major dip in the strength of its magnetic field, since the energy had been released. This energy deficit was quickly replaced by the instreaming pressures of solar torsion-field radiation, but the clear signature of this event is visible in the magnetometer data.

Conventional theories believed that the Sun would become calmer once the poles reversed, since this is what had always happened before. Yet, the solar magnetic field steadily increased from March 18th to 27th of 2001, with a very large solar flare then erupting on the 29th. This event was followed by an Earth-directed CME that created significant aurora borealis as it hit.

Then, soon afterward on April 2, 2001, solar flare number 9393 broke all records for brightness and strength, weighing in at the unheard-of X-class of 22; the measurement scale had previously only been designed to go to a frightful maximum of 20. This flare was considered the largest of its kind ever observed for at least 25 years, earning it the new name of "mega-flare." [43] Two consecutive coronal mass ejections, or CMEs, were then released on April 10. The first CME traveled more slowly than the second one, and this was named a "cannibal CME", since the first CME was consumed by the faster-moving second one.

Fortunately, the X-22 level of radiation from flare number 9393 did not directly impact the earth, as it was nearly three times more powerful than the March 1989 event, which deviated the Earth's magnetic field by eight degrees and totally shut down Canada's power grid. A burst nearly three times larger than this could literally disable the entire half of the earth that it hit.

Again, two CMEs were released on April 10, 2001. Then, on April 11th, a rash of severe tornadoes, some a quarter of a mile wide, ripped through the Midwestern United States, affecting Kansas, Iowa, Oklahoma, Missouri and Nebraska. Furthermore, a 5.7 earthquake occurred in Indonesia on April 7, a 5.9 earthquake on April 13 that destroyed 30,000 homes in China, and a 6.5 on April 15 off the coast of Japan. Most scientists would not be willing to acknowledge the connection between the solar activity and events such as severe weather and earthquakes, but again we see how the energy phenomena are related. All these events clustered around the surge in solar activity of April 10th.

And since this time, right through to the present, the solar activity has not backed off, creating untold problems for the NASA scientists and far more CMEs than were ever thought possible in previous models. This is not being covered up or hidden by NASA or other space agencies; it is simply not given very much attention in the media. So, in short, this most recent solar maximum cycle has been so unusually energetic that George Withbroe, Science Director for NASA's Sun-Earth Connection Program issued a statement saying that, quote, "This is a unique solar maximum in history. The images and data are beyond the wildest expectations of the astronomers of a generation ago." [41]

8.7 ENERGETIC CHANGES OF THE PLANETS

In our aetheric model, the Sun absorbs a majority of its surrounding energy at the polar regions, and accelerates this energy out along the ecliptic plane along its equator. So just as a balloon can only be inflated so far before it will burst, the Sun is forced to release this pent-up energy charge, caused by LISM energy density increases, with X-ray blasts, huge solar flares, proton emissions and mass ejections. This in turn causes the interplanetary medium to become a better energy conductor, which then helps to saturate the planets with higher and higher amounts of energetic charge. So, if the planets indeed have cores of luminous plasma that can store and release energy like what we have seen on the Earth, then we should expect that similar energetic changes will be seen throughout the Solar System.

Dr. Dmitriev's research on the planets shows accelerations in the speed of magnetic pole shifts, climate changes, earthquakes and cyclones on Earth, increased magnetic and plasma energy charges on other planets and changes in their atmospheric qualities. In addition, some of the planets are actually becoming noticeably brighter. All of the following points are footnoted in Dmitriev's study, [15], unless otherwise noted:

8.7.1 PLUTO

Pluto, our outermost observed planet, has recently shown a significant, unexpected increase in the amount of dark spots on its surface.

8.7.2 NEPTUNE

On the planet Neptune, some scientists believe that there has been a complete magnetic polar shift in the recent past; as the Voyager satellite passed by, the magnetic field was measured as being tilted nearly 50 degrees away from the rotational pole. The event is considered to be recent simply

because such an imbalance would normally be expected to right itself in a relatively short time, planetophysically speaking. Also, the intensity of visible light emitted by Neptune has noticeably increased.

8.7.3 URANUS

Like Neptune, Voyager noted that the planet Uranus also had a magnetic field that was shifted from the rotational axis, in this case by 55 to 60 degrees. This simultaneous behavior between Neptune and Uranus is believed to be possible because Neptune and Uranus are magnetically conjugate planets. Both of them show this similar, anomalous discrepancy, which suggests that a recent, still-imbalanced magnetic pole shift had taken place. Furthermore, Uranus' magnetosphere has shown an "abrupt, large-scale growth" in its intensity.

8.7.4 SATURN

Brightly colored auroras have been recently observed on Saturn, clearly indicating energetic charge. Richard Pasichnyk has directly correlated these brightness changes with solar activity. Most auroras cluster near the poles, and this dramatic energy increase can be seen through infra-red photography.

8.7.5 JUPITER

Jupiter's magnetic field has doubled in intensity as of 1992, and its total brightness has also increased. Dmitriev and others believe that "Comet" Shoemaker-Levy 9, which dramatically struck Jupiter in July 1994, was actually a series of luminous plasma formations – and this would explain why a sequence of bright spheres traveled in a long, straight line. Once this "plasmoid train" struck Jupiter, there were "a series of new states and processes" observed on Jupiter thereafter, inducing excessive plasma generation. This plasma was then released "in the same manner as Solar coronal holes," and created a brightening of the radiation belts in the 13.2 and 36-centimeter bands, as well as creating large, anomalous aurora formations.

In 1997, a tube of glowing plasma energy was observed to have formed between Jupiter and the volcanic areas of its moon Io, at an unbelievable electromagnetic strength of one million amperes. This phenomenon presents very strong evidence that volcanic activity is caused by energetic releases of the luminous plasma in the core of a planet or moon. More recently, in Feb. 2001 NASA scientists observed Io while it was being eclipsed from the sun's light by Jupiter, and they discovered that it has now become brighter than ever before, noticeably glowing even though no sunlight was hitting it, forming a "plasma torus" around the sphere itself. [11]

8.7.6 MARS

The atmosphere of Mars has shown definite signs of growth, as reported by Dr. Dmitriev. These transformations have increased the quality of its biosphere. Cloudy growth has been observed at the equatorial area, and there has been an unusual increase in the concentration of ozone in the atmosphere. Furthermore, in September 1997 the Mars Surveyor satellite encountered a 200% increase in the density of the Martian atmosphere, against what had been calculated from previous NASA data. As Dmitriev indicates, this greater atmospheric density bent one of the solar array arms beyond the full and open stop, which caused the satellite to malfunction.

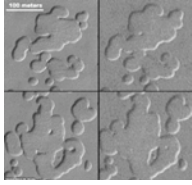


Figure 8.15 – Martian Polar Icecap Melting. (Courtesy NASA)

Even more recently, in December of 2001 NASA released photographic images showing a major increase in the speed with which the Martian polar icecaps are melting. [7, 3] Figure 8.15 is easily the most dramatic of these images. This “global warming” on Mars was completely unexpected by any conventional model, but fits perfectly with the changes that we are encountering on the Earth, caused by the energetic increase in the Earth’s luminous plasma core. Naturally, the Bush Administration did not mention this in their recent discussion of “global warming” on the Earth.

8.7.7 EARTH

We have already covered the Earth in detail, and in this current context we should remember that there have been very clear signs that the atmosphere is changing; this is occurring in the actual chemical composition of the atmosphere as well as the increasing average cloud density that has been observed. New charged particles are appearing in the Van Allen belts, with qualities normally only seen in radiation from stars. Let us also remember the overall 410-percent increase in catastrophes from 1963 to 1993, [15] the 400-percent increase in earthquakes from 1973 to 1998 and the ~500% increase in volcanic activity from 1875 to 1993. [22]

8.7.8 EARTH’S MOON

According to a 1993 study by Boston University scientists, our Moon has an atmosphere of sodium (natrium), reaching out to a height of 5,000 miles, or 9,000 kilometers. [32] During the Apollo missions, helium and argon atoms were found in the Moon’s atmosphere, but Earth-based observations then added sodium and potassium ions to the list in 1988. [18] Dmitriev considers this as evidence for the growth of a “first-stage” atmosphere, as it is about a billion times less dense than Earth’s atmosphere by comparison; if the Moon’s atmosphere were compressed into the temperature and pressure of the Earth’s surface, it would all fit into a 210-foot cube. [34] More recently, following the Leonid meteor shower in November 1998, a massive tail of sodium gas with “distances of at least 500,000 miles from the moon, changing its appearances over three consecutive nights” was observed. [5] [This is believed to be caused by the many micrometeorites in the Leonids striking the lunar surface, but could also be due to their energetic plasma effects.

This data on the evolution of the Moon’s atmosphere has almost always aroused great questions at our seminars, and we decided to investigate further for this book. Our research revealed that a sodium atmosphere was actually first detected by Flynn and Medillo back in 1933. [29] This technique was again duplicated with greater accuracy in 1994 by A. Potter, T. Morsan and L. Gillian, revealing that the atmosphere extends all the way down to the surface of the Moon. [29] According to Prof. Theodore E. Madey of Rutgers University,

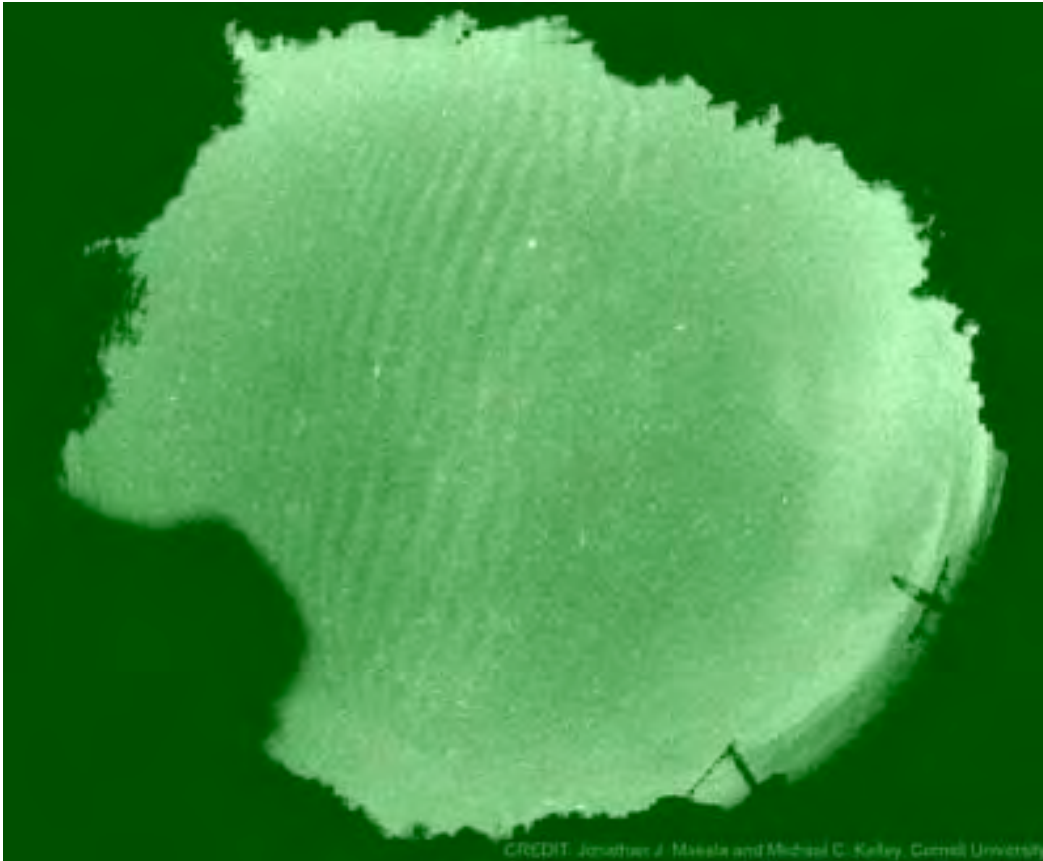
...there is little data to support any one explanation [for the creation of the Moon's atmosphere] and no general agreement about which processes are the most important. [emphasis added] [21]

Dr. D.E. Shemansky again breaks with the pack when he mentions a paper coauthored with T. Morgan on "the evolution of the Lunar atmosphere," again hinting that the amount of sodium and potassium concentration has indeed increased since the time of the Apollo missions. [35] T.E. Madey and B.V. Yakshinskiy have proposed "charged particle sputtering by the solar wind" as one possible source for this atmosphere, since it must be continually resupplied. [21] Dmitriev's model suggests that this lunar atmospheric evolution is being triggered by our movement into a higher energetic density of the LISM, which then increases solar activity.

8.7.9 VENUS

Significant physical, chemical and optical changes are being observed on Venus. This includes a sharp decrease in the amount of sulfur-containing gases, a reversal in the areas of light and dark spots and a significant increase in its overall brightness. One mainstream article on these changes by Kenneth Chang in the New York Times, 1/28/01, said: [9]

Every time [scientists] take a look [at Venus,] they seem to see something different, with phenomena appearing or disappearing like the smile of the Cheshire Cat. In November 1999, researchers from S.R.I. International and Lowell Observatory pointed the 10-meter Keck telescope on Mauna Kea, Hawaii, toward [the night side of] Venus for eight minutes and saw the distinctive green glow of oxygen atoms. "It was a total surprise," said Dr. Thomas G. Slanger, a scientist at S.R.I. and lead author of a paper in the current issue of Science. [emphasis added]



CREDIT: Jonathan J. Makala and Michael C. Kelley, Cornell University

Figure 8.16 – Green Glow on the night surface of Venus. (Courtesy NASA / Cornell Univ.)

Though articles on these anomalous energetic increases of Venus have indeed emerged in the mainstream press, [8] thus far no one in the Western media has ever combined this data to see it as another function of changes that are occurring throughout the entire heliosphere.

8.7.10 MERCURY

Like the Moon, Mercury has also been observed to have a thin atmosphere of sodium, potassium and other elements. Conventional theories have a hard time with this atmosphere, since Mercury is so close to the Sun – but nevertheless it is there to be measured. This too may indicate a “first-stage” generation of new atmosphere. [21] Pasichnyk reports that Mercury has also been observed to have polar ice, which is considered impossible given its proximity to the Sun.

8.8 CONCLUSIONS: THE TRANSFORMATION OF THE HELIOSPHERE

The information that has been presented in this chapter suggests that we are indeed moving towards an “Omega Point” of energetic change. In our online article The Ultimate Secret of the Mayan Calendar, [40] we present evidence from Dr. Sergey Smelyakov that allows us to pinpoint exactly when our movement into this new area will be complete. [36] This data has never before been written about by any other English-speaking authors. In the article, we describe how the Mayan Calendar time cycle of ~5,125 years is divided up by the “phi” ratio into “Auric” time periods, which become considerably shorter in length, leading up to a final “implosion” point. As each

increasing time cycle is reached, massive energetic effects occur on the Earth. All 21 of the largest earthquakes since 856 AD have fallen exactly on these "bifurcation points," caused by our rapid passage from a lower-energy to higher-energy state in the LISM. Nearby supernova explosions of stars have also occurred at these points. [40]

The aetheric model suggests that at the edges of the spiraling, pinwheel-shaped "Parker Spiral" formations in the galaxy, there will be discrete layers between one level of aetheric density and another, much as a line will form between oil and water. This boundary area naturally creates a vibrational disturbance, which in turn ripples through the aether in either direction based on the simple "phi" ratio. Each time we pass through another turning-point in the Auric cycle, we are entering into a discretely higher energetic area of the LISM. Most interestingly, the total population of the Earth has also been shown to multiply in exact lock-step with the phi ratio, centering on these points. [36] New religions, spiritual faiths and time-measuring calendar systems are born during these times, as well as the collapsing of large empires followed by relatively quick political developments thereafter. The next two "bifurcation points" where such events could occur are 2003 and 2008 – not so far away.

This is one link in a vast chain of evidence to suggest that **as aetheric energy density increases, human consciousness increases as well.** This can also be directly associated with spiritual advancement. Part Two of this book is dedicated to fully establishing this connection between aetheric energy, biology, consciousness and spirituality. It is also important to mention the date for the final "implosion point" that Dr. Smelyakov's marvelous cycle collapses into:

Dec. 21, 2012 AD – the **end-date for the Mayan Calendar.**

Incidentally, it is also during this same time period that the Earth comes into perfect "precessional" alignment with the center of the Galaxy, which we now know has a redshift that is ten times higher than the observable Universe in conventional models. We shall explore these connections in more detail in Part Two. [Smelyakov's cycle is completely different from Terence McKenna's "Timewave Zero" model, and shouldn't be confused with it or seen as supporting it.] For now, the bottom line is this:

We have the proof. We know what is happening. We know why it is happening. We know how it is happening. And we know precisely when "it" will happen.

With the forthcoming information in Part Two, we can also make a very good case for exactly what "it" will do. As one voice for the ancient traditions, the Bible referred to this as the coming of the "New Heaven and New Earth," a utopian Golden Age for humanity where each of us who choose to participate will have abilities above and beyond those displayed by Jesus and other masters: "As I do these things, so shall ye do them, and greater things..." (John 14:12)

REFERENCES:

- 1 Aspden, Harold. Energy Science Tutorial Note 10: Tiff's Discovery. (1997)
- 2 Aspden, H. & Eagles, D.M. Aether Theory and the Fine-Structure Constant. (1972) Physics Letters, 41A, 423-424.

- 3 Bara, Michael & Hoagland, Richard. Global Warming on Mars? The Hyperdimensional Connection. (2001)
- 4 Blake, J.R. The Van-Allen radiation belts – two newly observed populations. (1994) Absr. Spring Meet., Baltimore, MD, May 23-28. EOS, 1994, vol. 75 no. 16.
- 5 Boston University / American Geophysical Union. Lunar sodium tail discovered. (1999)
- 6 Braden, Gregg. Awakening to Zero Point: The Collective Initiation. (1997) Radio Bookstore Press, Bellevue, WA. ISBN: 1-889071-09-9.
- 7 Britt, R.R. Mars Ski Report: Snow is Hard, Dense and Disappearing. (2001)
- 8 Britt, R.R. Venus: No Lightning, But a Strange Green Glow. (2001)
- 9 Chang, Kenneth. (Anomalous brightness increases of Venus) (2001) New York Times, Jan. 28, 2001.
- 10
CNN. (Tornado activity after April 10, 2001 solar activity) (2001)
- 11
CNN. (Brightness increase of Io) (2001)
- 12
CNN. (Brightness increase of Jupiter) (2001)
- 13
CNN. (Earthquake of El Salvador, Jan. 2001) (2001)
- 14
CNN. (Earthquake of Gujarat, India, Jan. 2001) (2001)
- 15
Dmitriev, Aleskey. Planetophysical State of the Earth and Life. (1997)
- 16
European Southern Observatory. Astron. Astrophys. 317, 193-202 (1997)
- 17
Hutton, William. Coming Earth Changes: The Evidence. (1998)
- 18
Leifert, Harvey. Investigating the Moon's atmosphere. (1998)
- 19
American Geophysical Union News, Release No. 98-26. (1998) {sodium and potassium added to list in 1988}
- 20
Lockwood, Mike. (230% increase in solar magnetic field since 1901) (1998)
- 21
Madey, T.E. T.E. Madey's Research and Co-Workers. {solar wind on lunar atm}

22

Mandeville, Michael. (Earthquake and Volcanism I ncreases)

23

Mewaldt, R.A. Re-Accelerated Solar Wind – An Additional Source of Anomalous Cosmic Rays? (1999) Caltech, Pasadena, CA, 91125, USA.

24

NASA. (Solar activity min-max image comparison) (2000)

25

NASA. (May 10-13 2000 Solar Wind shutdown, 500-600% increase in Earth magnetic field) (2000)

26

NASA. (July 14, 2000 CME, 200% faster traveling speed, satellite damage) (2000)

27

NASA. (Nov. 8, 2000 solar radiation storm, double traveling speed, 100,000 times increase in proton flux around Earth) (2000)

28

NASA. (Properties of CMEs, up to 10bn tons electrified gas) (2000)

29

Odenwald, Sten. Archive of Astronomy Questions and Answers: Does the Moon have an atmopshere? {Flynn Medillo 1933}

30

Pasichnyk, Richard. (Redshift anomalies)

31

Pasichnyk, Richard. The Vital Vastness – Volume Two: The Living Cosmos. (2002) Writer's Showcase / Iuniverse, Inc. ISBN: 0-595-21086-4;

32

Ray, C. Claiborne. Science Q&A: Lunar Atmosphere.

33

Rutgers University. Lunar Atmosphere Reproduced in a Lab. (1999) Artemis Society International. URL: {Yakshinskiy and Madey}

34

Seybold, Calina C. Characteristics of the Lunar Environment. (1995) {lunar 210 ft cube}

35

Shemansky, D.E. Vitae. University of Southern California.

36

Smelyakov, Sergey and Karpenko, Yuri. (1999) The Auric Time Scale and

the Mayan Calendar: Demography, Seismicity and History of Great Revelations in the light of the Solar-Planetary Synchronism. ISBN: 966-7309-53-3;

37

Talbot, J. Plasma Laser Stars 1976-1977 Papers. {Fig 8.5}

38

Talbot, J. Quasar Clusters – No Quasar Lensing! {Fig 8.6}

39

Wilcock, David. Science of Oneness. (2001)

40

Wilcock, David. The Ultimate Secret of the Mayan Calendar. (2002) Time of Global Shift National Seminar Tour.

41

Withbroe, George. (Solar Changes) (2000) NASA.

42

Zank, Gary P. Could the Heliosphere Collapse? (1999) Bartol Institute, University of Delaware.

43

(April 2001 Mega-Flare)

44

Time of Global Shift National Seminar Tour.

45

Heilprin, John. White House Warns on Climate Change. (2002) The Washington Post, June 4, 2002.

46

Drudge, Matt. Bush Admin U-Turn on Global Warming. (2002) [Note: This link is transient and may only exist a short time on the website.]

47

Bara, Mike and Hoagland, Richard. Enterprise Mission Statement on the Coming of Sitchin's "Nibiru" in Spring, 2003. (2002)

CHAPTER 09: HARNESSING TORSION WAVES AND CONSCIOUSNESS

CHAPTER 09: HARNESSING TORSION WAVES AND CONSCIOUSNESS

9.1 EVERY ATOM IS A TORSION GENERATOR

Kozyrev's work and others have shown us that all matter harnesses torsion waves to sustain its existence. In the last two chapters we saw that an atom is actually a vortex of aetheric energy, where the negatively-charged electron clouds are pressing in towards the positively-charged nucleus via the Biefeld-Brown effect. We also have seen that geometry is a major factor in the quantum realm, since it represents the natural form that vibration creates in a fluidlike medium. These naturally occurring aetheric vibrations will cause atoms that are released from a tiny nozzle to gather into perfectly geometric microclusters, which act as one large atom in their own right. These vibrations are also responsible for the formation of quasi-crystals, where a rapidly-cooled metallic alloy forms into a geometric structure that cannot be created by individual "particle" atoms, but only by those atoms blending together into a larger whole.

Again, the key is that these geometric forms are being created by vibration. In order for this vibration to occur, an atom must be constantly absorbing and radiating aetheric energy at the same time. As this vibration continues, the atom will throw off torsion waves into the surrounding aether. This means that every atom is a torsion generator, and depending on its overall "spin polarization," i.e. whether there is a greater amount of right-handed or left-handed spin in its electron clouds, the object will either generate left-handed or right-handed torsion waves. Larger "bulk" groupings of atoms into common physical objects would obviously follow the same rules.

So, let's say that you have an object whose atoms are more heavily polarized for right-handed spin as opposed to left-handed spin. Now, let's move back to our analogy of a sponge that is submerged in water. The vibrations at work will cause the sponge to be continually expanding and contracting in size at a very fast speed. If the sponge is a perfect sphere, then the sponge will be throwing off an equal amount of water in all directions at a steady flow rate. However, if the sponge were shaped into a cone, then each time that the sponge contracts, a greater amount of water will shoot out of the top of the cone as opposed to the other areas. This is easily visualized with the analogy of seeing water passing through a funnel. In the case of this analogy, the top of the cone would be releasing right-handed torsion waves.

Thus, since every atom is throwing off torsion waves as it vibrates, certain shapes can help harness and direct this torsional energy flow more than others. Obviously, any of the Platonic Solids would be in this category, but other shapes can harness torsion waves without necessarily being Platonic Solids. Dr. Victor Grebennikov discovered such phenomena in the "cavity structural effect" or CSE, through his study of insects. In this chapter, we shall also discuss Dr. Golod, Dr. Krasnoholovets, Joe Parr and others' surprising research on the power of the pyramid shape to harness torsional energy.

9.2 MAJOR CATEGORIES OF TORSION GENERATING DEVICES

As described in Nasonov's groundbreaking torsion studies, there are four major categories of devices that will produce a measurable torsion-field effect:

1

Objects with specially organized spin polarization. A magnet is the most common material that fits into this first category. Every atom has a combination of "right" spin and "left" spin in the electron clouds, and this is known as the "spin polarization" of the atom. Any bulk object will have an overall spin polarization, which is the sum of all the different spins in the atoms comprising it. In a magnet, all molecules are aligned in north-south magnetic polarization, and this creates strong torsion waves as well as a magnetic field. Czech researcher Pavilta was able to produce similar effects in non-magnetic materials, as documented in *Psychic Discoveries*.

2

Electromagnetic or electrostatic torsion generators. By simply generating an electrostatic or electromagnetic field, such as by passing electric current through a coil of wire, you will also produce measurable torsion waves. Generators using this principle have been created and tested by S.V. Avramenko, G.F. Ignatjev, G.A. Sergejev, S.N. Tarakhtiy and many others.

3

Objects with specially organized rotation. By rotating either magnetic or non-magnetic materials in certain specific patterns and speeds, torsion fields can be generated. In Russia, this method has been used by A.I. Veinik, K.N. Perebeinos, V.M. Yuritovsky, V.V. Bobyr and many others. Such generators have been well described in our previous volume, as many researchers have created "overunity" or free-energy devices using these principles to extract energy directly from the aether itself. Gravity-defying craft, such as the SEG device by Professor Searl, have also been created using this method.

4

Objects that distort the geometry of the physical vacuum. As Nasonov indicates, "Every object having a certain surface geometry will simultaneously generate left and right torsion fields of a certain configuration depending on the geometry of the object. This fact can be detected by various types of physical, chemical and biological indicators. Unusual effects demonstrated by pyramids, cones, cylinders, flat triangles, etc. were repeatedly observed by many researchers in different countries." This fourth category shall be the main topic of discussion in this chapter, and we shall refer to such specially-shaped objects as "passive torsion generators." These effects have been studied by A.I. Veinik, V.S. Grebennikov, Yu.V. Tszyan Kanchzhen, I.M. Shakhparonov, A.A. Beridze-Stakhovsky, A. Golod, V. Krasnoholovetz, Joe Parr and others.

5

Generators that combine characteristics of the previous four categories. Certain devices have been built that combine the geometric shape of an object or enclosure (#4) with other torsion-wave generating properties such as seen in numbers 1-3, producing remarkable results. These studies will also be discussed in this and later chapters, and have been performed by

Yu.V. Tszyan Kanchzhen, V.P. Kaznacheev, Joe Parr and the authors of the 1979 French patent #2421531, among others.

9.3 CHANGES IN THE SPIN POLARIZATION OF AN ATOM ARE POSSIBLE

Before we go on, we should note here that the spin polarization of an atom is not necessarily fixed in either a right-handed or left-handed direction. The Institute of Material Research in Kiev, Ukraine performed a series of experiments where an object was exposed to torsion radiation created by the third process in the above list. They found that if the torsion radiation was strong enough, then the spin state of the atoms themselves could be changed. Later in this chapter we will see that these changes can eventually be substantial enough to alter the structure and appearance of a material, such as the color of granite and the sharpness of a razor blade.

Even more interestingly, the Institute of Material Research also determined that people with strong psychic abilities were also capable of creating identical changes in the spin polarization of various substances by the sheer focus of their consciousness. No other known technologies could create such changes in a physical object. This again suggests that consciousness and torsion-waves are actually one and the same – and in the Russian and Ukrainian pyramid research of this chapter we will see more of the mounting evidence that points towards this conclusion.

9.4 AETHERIC ENERGY INTAKE POSSIBLY MOST IMPORTANT FOR HEALTH

In this chapter, we will also begin feeling the weight of evidence that suggests that aetheric energy intake is actually the most important ingredient in the health of an organism, and that conventional processes of respiration, ingestion and sunlight exposure are only part of the puzzle – perhaps important only to the degree that each process is capable of continually renewing our supply of aetheric energy. Certain “non-eating saints” profiled in Autobiography of a Yogi by Paramahansa Yogananda and other sources have arrived at the point where they sustain the health of their physical bodies directly from this energy source, without eating or drinking. (We absolutely do not advise our readers to attempt this, as it could be fatal.)

9.5 TORSION WAVES ARE “PHI” SPIRALS

Another point that should be mentioned early along in this chapter comes from the research into passive torsion generators and the cavity structural effect that was conducted by the A.E. Akimov group at the Physics Institute of the Ukraine Academy of Sciences and at Chernovitsky University. They were particularly interested in studying the effects that cones of different sizes would have upon various processes. From this research, it was determined that:

The best passive torsion generators were formed by cones that were shaped into the “phi” ratio of 1 to 0.618.

What this tells us is that torsion waves are indeed “phi” spirals, since a cone that duplicates this pattern will harness the waves most strongly.

9.6 GREBENNIKOV AND THE “CAVITY STRUCTURAL EFFECT”

Russian scientist Dr. Victor Grebennikov is an entomologist, meaning that he works especially with insects. He first discovered the “cavity structural effect” when he ended up working too late in the steppes of the Kamyshlovo valley and tried to fall asleep relatively near the edge of a cliff. Deep in the side of the cliff just beneath him were massive “bee cities” with multitudes of tunnels and chambers created by an incredible number of different hives that had all formed within the same area. So many bees had made their homes there that the entire cliff face looked like a piece of Swiss cheese, and in places it was so porous that it almost looked like a sponge.

As Grebennikov tried to fall asleep above these gently humming, living bee cities, he started to experience very bizarre effects that were too powerful to ignore. First his body felt as if it were continually expanding and contracting in size, while also feeling as if it were in a state of free-fall. Then, as the effect intensified, he began to see flashes in front of his eyes that would continue to appear whether his eyes were open or closed. His mouth suddenly had a strong metallic taste as if he had pressed his tongue onto the contact plates of a nine-volt battery, and he also experienced a loud ringing in his ears and an enhanced awareness of his heartbeat. When he moved as little as five feet away from this particular spot, all the effects would cease, but when he returned to the spot the effects would come back.

For many years he wondered why he had experienced these effects without producing any solid explanation. Then, one day he had a wide container filled with spongy clay lumps from the original nest site sitting out on his desk. These lumps had honeycomb-style cavities inside them where the larvae had grown into adult bees. As he passed his hand above these porous fragments, he felt a sudden sensation of warmth emanating from them. When he touched the clay itself with his hand, it was cold, but this warm sensation was clearly noticeable above the clumps. Grebennikov also noticed a slight jerking or “ticking” sensation in his fingers from the clumps as well as the warmth. When he leaned over and put his head above the clay lumps, he again experienced all of the same bizarre symptoms as he had at the original site in the Kamyshlovo valley, including a sense of nausea.



Figure 9.1 – Clay Lumps from Kamyshlovo

Valley bee nests

Grebennikov soon discovered that even if the container was covered with a thick metallic lid, the effects would still continue. He then took the container of clay honeycomb lumps to various institutes within the Agricultural Academy in Novosibirsk, where they were tested with thermometers, ultrasound detectors, magnetometers, electrometers and the like. None of these instruments responded to the nests in any unusual fashion. Precise chemical analyses of the clay showed no anomalies, and a radiometer showed no effect either.

However, as Grebennikov indicated,

...ordinary human hands, and not only mine, would distinctly feel either warmth or cold, or a tingle, or sometimes a thicker, stickier environment. Some people's hands felt heavier, others felt lighter as if pushed up. Some people's fingers and arm muscles got numb, some felt giddy and developed profuse salivation.

Later, Grebennikov discovered that artificial honeycombs created from plastic, paper, metal and wood could create the same effects, if the basic structure of the bee nests were adhered to. As he wrote in his book,

It turned out that the cause of all those unusual sensations was not a biological field, but the size, shape, quantity and arrangement of cavities formed by and in any solid object. And as before, the organism felt it, while the instruments remained silent. I called the discovery the Cavity Structures Effect (CSE)... [emphasis added]

Then, Grebennikov goes on to explain some of the biological effects that were noticed from the Cavity Structure Effect:

Nature has continued to reveal to me its innermost secrets one after another. It has turned out that the CSE zone inhibits the growth of saprophytic soil bacteria, inhibits the growth of yeast and other similar cultures as well as it inhibits wheat grain germination. The behavior of microscopic agile chlamydozoospores also changes in this effective zone. Leaf cutting bee larvae begin to phosphoresce [glow with light], while adult bees are much more active in this field and finish pollination two weeks earlier than they would otherwise. It has turned out that this CSE, same as gravitation, can't be shielded.

We shall see that although the insect-based Cavity Structural Effect inhibits the growth of bacteria, yeast, wheat grains and the like, the pyramid-related experiments show an opposite effect. This shows how the cavity structural effect seems to absorb torsion-wave energy away from most biological systems, whereas the concentrated energy inside of a pyramid will enhance them.

In this next excerpt on the CSE, think back to Kozyrev's discoveries that were discussed in the first chapter. Torsion fields are certainly capable of moving through solid matter without losing any of their strength. Furthermore, here again we see the "phantom" effect or "polarization of the vacuum" that Kozyrev and others observed:

[The CSE field] affects living organisms through walls, thick metal and any other screens. It has turned out that if a porous object were moved, a person would not feel the change in CSE location immediately, but a few seconds or minutes later. While the old location would retain a "trace," or as I called it a "phantom" of the CSE field perceivable by the hand for hours and sometimes for months thereafter. [emphasis added]

In this next passage we find additional support for the concept of "nested spheres" of energy, which in this case are formed by the cavity structural effect:

It has turned out that the CSE field did not decrease evenly with distance, but surrounded the honeycomb with a system of invisible, yet sometimes clearly perceivable "shells."

Grebennikov goes on to remind us that we are constantly surrounded by these effects, and that we therefore have an innate ability to adapt to such changes in our environment so that we are not bothered by them:

It has turned out that animals (white mice) and humans entering the zone of the CSE field (even a very strong one) would soon adapt to it. It couldn't be otherwise. We are surrounded everywhere by cavities, large and small, surrounded by grids and cells of living and dead plants (as well as our own cells.) We are surrounded by bubbles of foam rubber, foam plastic, foam concrete, rooms, corridors, halls, roofing, spaces between machine parts, trees, furniture and buildings.

The next point should again remind us of Kozyrev's findings, showing how the energy streaming into the Earth and the energy streaming away from the Sun have direct effects on this process:

It has turned out that the CSE "ray" had a stronger impact on living organisms when it was directed away from the sun and also downwards, facing the Earth center.

Next, we see where Grebennikov unknowingly replicated Kozyrev's findings that show that time itself can be sped up or slowed down in the presence of torsion-wave energy:

It has turned out that clocks, both mechanical and electronic, run inaccurately when placed in a strong CSE field. The CSE seems to have an effect on time too. All this is a manifestation of the will of matter, constantly moving and transforming and existing eternally.

Grebennikov built detectors for torsion-wave energy that were relatively similar to Kozyrev's, albeit far less complex. The key to remember here again is that these spiraling waves do exert a subtle pressure on physical matter that is detectable with sensitive instruments:

I have managed to devise instruments for an objective registration of the CSE, which react accurately to the proximity of insect nests during all this time. Here they are in the drawings. They are sealed [glass] vessels with straws, burnt twigs or drawing coals suspended on spider web threads in them, with some water on the bottom countering the effects of static electricity, which hinders such experiments in dry air. If you point an old wasp nest, a bee honeycomb or a bunch of cereal ears at the upper end of the indicator, it turns slowly a few dozen degrees around. This is no miracle... Those who have doubts are welcome to visit the Agroecology Museum near Novosibirsk and see it all for themselves...



Figure 9.2 – Grebennikov's CSE detectors in action.

This next citation gives remarkable evidence for the ability of a bumble bee to feel the CSE from its hive even through a half-meter thick brick wall:

I've had reports of highly unpleasant effects of a few wasp nests in an attic. Besides that, most multiple cell devices and objects with a manifested CSE field have a far from beneficial effect on humans in the first few minutes. Honey bee combs are a rare exception. I have often observed the bumblebees living in our Isilkul flat in the 1960s. A young bumble bee did not take the trouble to remember the entrance to the hive and it would spend hours wandering around the windows of our house and of a similar looking house nearby on its first trip out of the hive. It would give up on its poor visual memory in the evening and it would land on the brick wall precisely outside the hive and would try to break right through the wall.

Now how did the insect know that its home nest was right there, four meters away from the entrance to the attic and a meter and a half below, behind the thick, half meter wall? I was lost at the time in conjectures but now I know exactly why the bumble bee behaved in that manner. Now let us remember the experiment in which hunter wasps returned not only to a given location but even to an entirely different location where the lump of soil with their nest had been moved. I do not doubt that they were able to find it because of the wave emitter created by their nest cavities. [emphasis added]

In this next passage, Grebennikov demonstrates how certain flowers have a shape that creates a resonant structure for torsion waves to be generated, thus attracting the bees for pollination. Again, we see mention of the "phantom effect" or "polarization of the vacuum" when Grebennikov discusses how he was able to find these flowers in a completely dark room using a stem, charcoal rod or short pencil:

There was yet another mystery to be revealed to me by my insect friends. It

has turned out that flowers also use similarly powerful and unstoppable wave emitters besides their color, odor and nectar in order to attract their pollinators. I have discovered it with a drawing charcoal, a burnt twig by passing it over large, bell shaped flowers (tulips, lilies, amaryllises, mallows or pumpkins). I could feel "braking" of this detector already at quite a distance from the flower.



Figure 9.3 – Detection of CSE fields from bell-shaped flowers.

I have learned to find a flower in a dark room standing one or two meters away from it with this detector, but only if it had not been moved. If it were moved, I would detect a "false target", the "ghost" field left in its old location, the residual "phantom" I have already mentioned. I do not possess any super sensory abilities, and any person would be able to do the same after some training. One could use a 10 cm long piece of a yellow sorghum stem instead of a charcoal rod, or a short pencil whose rear end should be facing the flower. Some people would be able to feel the flower (a "warm", "cold", or "shivering" sensation emanating from it) with their bare hands, tongues, or even faces. As many experiments demonstrated, children and adolescents are particularly sensitive to these waves of matter. [emphasis added]

In this next passage, Grebennikov describes how this system appears to be designed to keep bee nests from blending into each other, as well as to keep roots from growing into the nests:

When it comes to the bees, which nest underground, their "knowledge" of the CSE is vital to them. First of all, it enables the builder of a new gallery to stay away from the neighboring nests. Otherwise, the entire bee city all cut through with intersecting holes would simply collapse. Secondly, plant roots cannot be allowed to grow down into the galleries and honeycombs and indeed the roots stop growing any further a few centimeters away from the honeycomb of tunnels and chambers and start growing aside, feeling that nests are near.

I have confirmed the latter conclusion by my many experiments on couching wheat seeds in a strong CSE field, as compared to the seeds germinating in the same climatic conditions but in the absence of the CSE field. Photographs and drawings show both the dying of roots in the experimental batch as well as their sharp deviation in a direction away from my artificial honeycomb. Therefore, the bees and the weeds back at the lake had made a pact long ago and they are another example of the highest ecological expediency of all being...

Finally, our last passage in this chapter from Grebennikov shows how the torsion radiation caused anomalous electromagnetic effects, again reminding us of Kozyrev's earlier findings:

I will only mention one more thing. My battery powered pocket calculator often malfunctioned in the CSE field. It either erred, or sometimes its display window failed to light up for hours. I used the field of a wasp nest combined with that of my two palms. None of these structures had any effect on their own.

9.7 RUSSIAN AND UKRANIAN PYRAMID RESEARCH

Grebennikov's discoveries with the "cavity structural effect" show that long, tubelike structures, especially if gathered in bundles, will harness torsion waves in a way that can be confusing and damaging to most forms of life. However, he also found that if such structures are placed above a person, such as in a specially-built chair that he designed, the added torsion energy that they draw up from the earth has beneficial health properties. Such devices can be built rather simply by gluing several large egg crates above each other at their mutually shared points and mounting them above a chair where a person will sit.

The beneficial health effects of a person being placed under a CSE generator can be duplicated and enhanced with the pyramid shape. Grebennikov did a certain degree of interesting research in this area, but until Dr. John DeSalvo of the Giza Pyramid Research Association published the Russian and Ukrainian pyramid research of A. Golod, V. Krasnoholovets and associates, the complete picture of how much progress had been made in these areas was not available online. This research comes from the Institute of Physics in Kiev, Ukraine, a basic institution of the National Academy of Sciences of Ukraine, which was one of the leading scientific centers in the former USSR and the premier military research association.

Two steep pyramids with 70-degree slope angles were constructed in Russia near Moscow, one at a height of 22 meters and another at a height of 44 meters [144 feet,] costing over a million dollars to build. Over the last 10 years, a total of 17 different pyramids have been built altogether. In order for the pyramid effects to emerge, it was found that no metal could be used in the construction of these structures, thus modular fiberglass plastics were used instead. The pyramids were aligned to the North Star and built away from populated areas in the natural countryside. At the base of the 22-meter pyramid, the fiberglass wall was 36 centimeters thick, and at the base of the 44-meter pyramid the fiberglass wall was 70 centimeters thick. The 22-meter pyramid weighed a total of 25 tons and the 44-meter pyramid weighed a total of 55 tons. Several different teams from the Russian Academy of Sciences carried out all sorts of experiments in these pyramids, with surprising results. [These results are discussed in greater scientific detail in the article, referenced at the end of this chapter.]

9.7.1 STRENGTHENING OF ANTI-VIRAL MEDICINE

The first study cited in Dr. Krasnoholovets' summary paper is by Prof. S.M. Klimenko and D.N. Nosik, MD from the Ivanovskii R&D Institute of Virology within the Russian Academy of Medical Science. This study involved the drug

venoglobulin, which is a naturally-occurring antiviral compound in human beings. When the drug was diluted into a concentration of 50 micrograms per milliliter and stored in the pyramid for a time, it then became approximately three times more effective at fighting viruses than it normally would.

9.7.2 STRENGTHENING OF HEALING BENEFITS OF GLUCOSE AND WATER

The team of Prof. A.G. Antonov from the Russian R&D Institute of Pediatrics, Obstetrics and Gynecology tested the effects of a solution of 40% glucose in distilled water after it had been stored in the pyramid. By administering only 1 milliliter of the glucose to 20 different prematurely born infant patients with compromised immune systems, their levels of health were seen to rapidly increase up to practically normal values. The researchers furthermore discovered that the glucose was not necessary, as the same effect could be produced by simply using 1 milliliter of ordinary water that had been stored in the pyramid.

9.7.3 INCREASED HEALING RESPONSE FOR ORGANISMS WITHIN PYRAMID

Another study was performed by Dr. N.B. Egorova at the Mechnikov R&D Institute within the Russian Academy of Medical Science. In this study, the torsion-wave harnessing capability of the pyramid was tested directly on living organisms placed inside. An experimental and a control group of white underbred mice weighing 12 to 14 grams were both tainted with strain 415 of the virus *S.typhimurium* in equal amounts over the course of one day. In smaller doses of contamination, the mice stored in the pyramid survived at a rate of 60% whereas only 7% survived in the control group. In larger doses of contamination, 30% of the mice in the pyramid survived as opposed to only 3% in the control group. In other experiments, mice were exposed to various carcinogens, and an experimental group drank water from the pyramid whereas the control group drank ordinary water. The mice drinking the pyramid water had significantly fewer tumors develop than the mice drinking the ordinary water.

9.7.4 CHANGES OF ELECTRICAL RESISTANCE OF MATERIALS IN PYRAMID

Prof. V.I. Kostikov and Dr. A.C. Katasonov from the R&D Institute "Graphite" within the Russian Academy of Sciences performed various studies on the changes in electrical resistance that can be induced by a pyramid structure. In one example, a pyrocarbon material was tested that normally had a resistance of 5 to 7 micro-ohms. After a one-day stay in the pyramid, the material became 200% more resistant to electric current, which is an abnormal effect for pyrocarbon. Irradiating the same material with $\sim 10^{19}$ neutrons per square meter would only change the resistance of the pyrocarbon by about 5% in comparison. Similarly, silicon semiconductors would have an exponential lowering of their electrical resistance, moving from 10^5 to 10^4 ohms per centimeter, and high-temperature superconducting materials would lose their superconductive properties after a one-day stay in the pyramid.

9.7.5 ROCKS FROM PYRAMID DISTRIBUTE ELECTRICAL CHARGES MORE EVENLY

A group of researchers from the All-Russian Electrotechnical Institute in

Moscow conducted an experiment to demonstrate how pyramid-charged rocks could dissipate strong electric charges, rendering them less harmful. The setup involved a flat metallic plate that was zapped by positively-charged electric blasts at up to 1400 kilovolts in intervals between 250 and 2500 microseconds. The electric blasts were generated by a rod that was suspended 5 meters above the metallic plate. Each of these blasts will typically “discharge” and burn up a portion of the metallic plate, which is known as a “defeat,” and these defeats are logged and plotted.

Two identical systems of this type, an experimental and a control, were created. In the experimental system, seven 100-gram chunks of granite that had been stored inside the pyramid were then placed on the flat plate in a one-meter wide ring. The researchers discovered that there were five times more burn marks on the control plate as opposed to the experimental plate. Obviously, normal granite rocks would not produce such an effect – only those that have stayed in the pyramid. It seems that the rocks exposed to the torsion fields in the pyramid were much more capable of distributing the electrical charges. This appears to be due to the fact that the electron clouds of the atoms in the rocks became more uniformly spin-polarized in the pyramid, thus helping to absorb and spread out electrical charges more evenly.

9.7.6 A.A. GOLOD'S PYRAMID EXPERIMENTS

Five major categories of experiments, as follows, were performed by a team of researchers from the Scientific Manufacturing Union Gidrometpribor in Russia, directed by A.A. Golod.

9.7.6.1 WATER DOES NOT FREEZE IN THE PYRAMID UNLESS DISTURBED

In the first experiment, plastic bottles of distilled water were kept in the pyramid over the course of three winter months. During this time, the air temperature in the pyramid sank as low as -38°C , or -6°F . Thermometers inside the bottles revealed that the temperature of the water was the same as the below-freezing air temperatures surrounding them, yet the water remained in a liquid form and would not turn into ice! However, if the water in any of the bottles was shaken or bumped in any way, it would immediately start crystallizing and quickly turn into a block of ice. Golod and his associates have videotaped these results.

This first experiment obviously suggests that the presence of the torsion-wave energy was able to keep the water molecules from crystallizing into ice, yet a simple disruption in the harmonic stillness of the water would cause this equilibrium to disappear and ice would quickly form. One slight bump on the edge of the bottle would disrupt the even flow of the torsion radiation and allow the molecules to begin crystallizing.

This same experiment also showed that water would retain its purity indefinitely while within the pyramid.

9.7.6.2 VISIBLE RINGS FORM IN ROCKS SCATTERED INSIDE THE PYRAMID

In the second of Golod's experiments, chunks of granite and crystal were scattered along the floor of the pyramid for longer periods of time. A visible

ring would appear evenly throughout the chunks, showing a clear change in the appearance of the stones when under the torsion-wave influence. Between the end of 1997 and the beginning of 1999, this result was able to be duplicated 40 different times in the same pyramid, with different rocks each time. Each ring would cover between 50 and 300 rocks, with a total weight from 20 to 200 kilograms. Golod et al. have gathered evidence to suggest that when the rings form most visibly, the amount of epidemics in the surrounding area will decrease.

9.7.6.3 A COLUMN OF "UNKNOWN ENERGY" APPEARS ABOVE THE PYRAMID

In the third of Golod's experiments, the Joint-stock company "R&D Institute TTR" conducted studies of the air above the pyramid with a Russian instrument similar to radar known as a "military locator." A column of "unknown energy" was detected at a width of 500 meters and a height of 2000 meters. Further studies confirmed that a larger circle of this energy surrounded the area above the pyramid in a 300-kilometer-wide range, with the highest concentration being directly above the vertical fulcrum of the pyramid. Golod's team calculated that if such an energy column were to be produced electromagnetically, it would require all the energy of the various power plants in Russia combined. Furthermore, less rigorous was the observation that after the pyramid's presence was established, an ozone hole that had existed over that area of Russia was seen to repair itself in only two months' time.

This column of unseen energy did have other immediate uses and effects as well. Electrical energy from the pyramid could be harnessed by a capacitor that was placed at the apex of the pyramid; the capacitor would spontaneously take on a charge. Furthermore, pieces of the capacitor assembly were seen to break away and rise into the air on the energetic column that the pyramid was producing. It was also discovered that people working near the top of the pyramid might start to experience dizziness and nausea, and need to be taken some distance away from the pyramid for these effects to subside.

9.7.6.4 OIL WELLS BECOME MORE PRODUCTIVE WITH PYRAMIDS ABOVE THEM

In Golod's fourth experiment, a series of pyramids were built over one of a number of oil wells. It was discovered that the viscosity of the oil under the pyramids decreased by 30%, while the production rate accordingly increased by 30% compared to the surrounding wells. There was a decrease in the amount of unwanted materials in the oil, such as gums, pyrobitumen and paraffin. These results were confirmed by the Gubkin Moscow Academy of Oil and Gas.

9.7.6.5 AGRICULTURAL SEEDS INCREASE THEIR YIELD

In Golod's fifth experiment, agricultural seeds were kept in a pyramid for 1 to 5 days before being planted. More than 20 different seed varieties were planted across tens of thousands of hectares. In all cases, the seeds from the pyramid had a 20 to 100-percent increase in their yield; the plants did not get sick and they were not affected by droughts.

9.7.6.6 ADDITIONAL PYRAMID EFFECTS RELATED TO BIOLOGY AND HEALTH

Under less strenuous laboratory conditions, Golov's team determined the following:

1

Poisons and other toxins become less destructive to living systems after even a short term of exposure in the pyramid.

2

Radioactive materials held inside a pyramid would decay more rapidly than expected.

3

Pathogenic viruses and bacteria become significantly less damaging to life after being held in the pyramid.

4

Psychotropic drugs have less of an effect on people either staying inside a pyramid or within close range of a pyramid.

5

Standard solutions such as glucose and iso-osmotic solution become effective for treating alcoholism and drug addiction after being placed in the pyramid. They can be administered either intravenously or outwardly.

9.7.7 PYRAMID STUDIES OF DR. YURI BOGDANOV

Dr. Yuri Bogdanov conducted pyramid studies on behalf of the Joint-stock Company, "Scientific and Technological Institute of Transcription, Translation and Replication" (TTR), in Kharkiv, Ukraine. In one experiment, a 12-meter pyramid was used to increase the productivity of wheat by 400% in the Ramenskoe settlement of Moscow. The following effects were also discovered:

1

The half-life of radioactive carbon was altered;

2

The crystallization patterns of salts would change;

3

Concrete would change in its strength;

4

Crystals would exhibit different optical behaviors.

In the biological arena, rabbits and white rats exposed to the pyramid gained 200% more endurance and their blood gained a higher concentration of leukocytes, or white blood cells.

9.7.7.1 WATER PURIFICATION BY PYRAMID POWER

Dr. Bogdanov also built a complex of pyramids in a town near the Arkhangelsk region of Russia by order of the domestic administration there.

In this case, strontium and heavy metals that had contaminated a well were able to be cleared by the effects of the pyramids, similar to how unwanted materials were filtered out of oil in the above example. In the town of Krasnogorskoe near Moscow, a pyramid was constructed that would reduce the amount of salt in water, again making it more drinkable.

In addition, Dr. Bogdanov performed many laboratory studies on medicinal preparations, fungi and so forth. In the city of Kiev, Dr. Bogdanov studied how matter interacts with different torsion-field patterns created by various pyramid shapes, and these investigations also studied how the consciousness of the person would affect these energy fields. These studies were performed by a torsion-wave detecting device that he named the "Tesey," which allows its user to detect peculiar properties in a particular geological feature, energetic "breathing" activity in the Earth as well as the torsion effects of various buildings including pyramids. These results were discussed on the Conference on Problems of Harmonization of Mankind, held in Kiev, and were subsequently published.

9.7.8 INCREASED HARDNESS AND PURITY OF SYNTHESIZED CRYSTALS

The torsion-wave-focusing properties of the pyramid structure were seen to have a direct effect on how crystallization takes place. Diamonds that were synthesized within the pyramid turned out harder and purer than they would otherwise. Again, this suggests that the torsion-wave component is of central importance in the forming of chemical bonds to create a crystal.

9.7.9 DIMINISHED SEISMIC AND WEATHER ACTIVITY

Teams from the Russian National Academy of Sciences also studied the earthquake data from the areas surrounding the pyramids and compared it to earlier data before the pyramids were built. They discovered that the pyramids have the ability to dissipate the energetic buildup that would normally create sudden, violent earthquakes. Instead of seeing one large and powerful quake, several hundred tiny earthquakes are registered instead. Furthermore, the atmosphere surrounding the pyramid seems to be shielded from severe weather as well, causing an overall decrease in the amount of violent weather patterns. This gives a clear illustration of the usefulness of pyramids for balancing the aetheric energies streaming into a planet.

9.7.10 FOODS STORED IN PYRAMID INCREASE HUMAN COMPASSION

Another experiment was conducted where a quantity of salt and pepper was stored inside the pyramid. This salt and pepper was later removed and fed continually to about 5000 people in different jails in Russia. Amazingly, within a few months there was a dramatic improvement in their behavior, and most criminal behavior almost completely disappeared. This is one of the more important points, as it validates the idea that aetheric energy is "spiritual energy" and that as a person is exposed to higher intensities of it, there is a propensity for greater feelings of love and compassion for others.

9.7.11 LIGHT-PRODUCING EFFECTS AND RAZOR-BLADE SHARPENING

Dr. Krasnoholovets built a small and simple resonator to study these pyramid effects, which appears to have been a piece of cardboard or glass folded in

half to form a small "roof" structure. Within this small resonator, a $KIO_3 \cdot HIO_3$ crystal experienced a greater clustering of hydrogen atoms in the crystal. Rare gases and the surface of metals were also seen to have a photoelectric effect while in the resonator, meaning that they were producing light. [This seems to explain why the large outdoor pyramids could not involve metal in their construction.] Furthermore, Dr. Krasnoholovets replicated Patrick Flanagan's historic "pyramid power" experiments by studying the effects on a razor blade within this resonator. The blade was aligned east to west, perpendicular to the Earth's magnetic field, while a piece of the edge was removed and stored away from the resonator. Under scanning electron microscope, the edge of the razor blade from the resonator was seen to take on a smoother, less angular form over time.

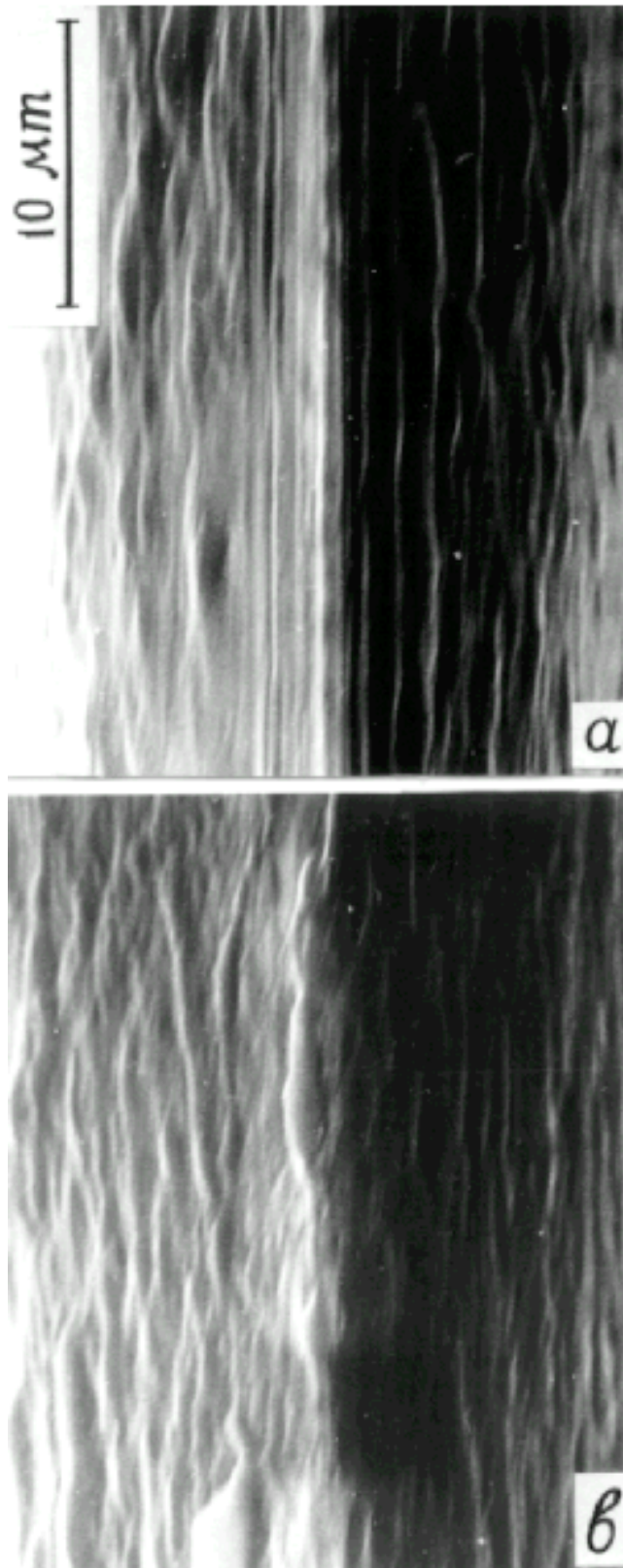


Figure 4 (3000x magnification)

Figure 9.4 – Normal razor surface (a) and razor surface after resonator exposure (b) under 3000x magnification.

9.8 HYPERSPACE PHYSICS OF JOE PARR

Dr. John DeSalvo of the Giza Pyramid Research Association has also brought the pyramid research of Joe Parr to the world's attention through his various media appearances such as on the Laura Lee Show and Jeff Rense. Joe Parr holds a law degree and also has over 40 years experience as an electronics engineer. Parr's interest in pyramid research first came about from his meeting George Van Tassel, an early contactee, in the 1950s, who informed him about the "pyramid power" experiments of Pat Flanagan that had demonstrated the sharpening of razor blades in the pyramid structure. Other experiments showed that organic materials would naturally dehydrate without putrefying while inside a pyramidal structure. Even raw, unrefrigerated milk would keep from spoiling if properly positioned.

9.8.1 STATIONARY PYRAMID RESEARCH

Parr went on to begin studying pyramid-related phenomena, first by simply using stationary pyramids and taking measurements from them. These pyramids could be made of nothing more than four horizontal rods forming a base and four vertical rods forming the edges. He would then place sources of radio waves, magnetic fields, ion sources and radioactive sources inside the pyramids, and measure their strength outside the pyramids. From this study, he found that a spherical energy field surrounds any pyramid structure. The exact center of this orb corresponds to the Queen's Chamber position in the Great Pyramid of Giza. Inside this "orb," the strength of the electromagnetic or radioactive source that he placed inside will still be measured at its full potential, but areas outside the orb will have a 1 to 3 percent reduction in the amount of measurable energy.

9.8.2 VARIANCE WITH SOLAR, LUNAR AND OTHER CYCLES

After 13 years of studying this phenomenon, Parr found that a negative ion generator (air ionizer) would strengthen the orb, causing it to shield and hold in even more energy than before. Specific sound frequencies such as 51.5 hertz could also be used to strengthen the orb. Over the course of 20 years of measurements, Parr determined that the strength of this energy orb varies with the common 11-year sunspot cycle, and the width of the orb expands and contracts with the phases of the moon. All of these observations again suggest that the spherical orb is a static torsion field that gathers around the pyramid, and is strengthened by absorbing dynamic torsion fields. These fields can be strengthened by the electrostatic energy in the ions or in the acoustic vibration of air, which also is a vibration of the aether. Solar and lunar activity also has a direct impact on the strength of dynamic torsion energy streaming into the earth.

9.8.3 IMPORTANCE OF "PHI" CYCLE OF TIME

Further analysis determined that the classic "phi" ratio was very important to these energy fields as well, again showing a clear connection to torsion fields. Parr found that a form of "virtual" clock would begin counting at the time that the pyramid was first set in a certain position. This means that once the pyramid was placed in a fixed spot, the orb surrounding the pyramid would gradually become stronger and stronger in its ability to contain the energy

fields inside, and the rate of growth for the energy bubble was directly proportional to "phi". At certain mathematically-defined points in this "phi" cycle, the bubble will expand and contract in size, outside of the effect caused by the moon. This suggests a slow, long-term harmonic "wobble" in the energy field, reverberating like a gong in synchrony with the phi-proportions of the instreaming torsion waves.

9.8.4 ENERGY FROM GALACTIC CENTER

Parr's experiments were abruptly disturbed on December 4, 1979, when the spherical energy orbs around the pyramids started rapidly disappearing on all but one experiment for an unknown reason. This caused the electromagnetic and radioactive sources inside the pyramids to suddenly flow without interruption into the surrounding space. Years later, Parr was very surprised to find out that the stream of X-rays from the center of our galaxy had abruptly shut off that day, and the anomaly was widely noted by astronomers. Other pyramid-energy shutdown events documented by Parr also corresponded precisely with drop-offs in our galaxy's X-ray emissions, though he was unaware of this connection at the time the measurements were made.

This is another valuable piece of data, as it shows us that **the center of the galaxy is actually our primary source of instreaming torsion wave energy.** In this case, the torsion waves appear to be propagating in tandem with the X-ray wavelengths of the electromagnetic energy spectrum. Even though the activity of the Sun can increase or decrease the strength of torsion waves coming into the Earth, **without the input from the Galactic Center we will have much less energy available to us.** This will prove to be a very important point that we will use to explain the importance of the Mayan Calendar end-date on Dec. 21, 2012.

About nine days after Dec. 4, 1979, the spherical energy fields started to return, yet all but one pyramid had lost the original energy strength of the orb, which had slowly accumulated over time according to the "virtual clock" of the phi radio. The only pyramid that did not lose its energy field throughout this entire time period was a pyramid that was rotating by a mere 5 degrees every 10 days. As Parr allowed this particular experiment to continue running, he found that the strength of its energetic orb continued increasing, eventually surpassing all of his other stationary pyramids. As we now know, the slight rotation caused the pyramid to absorb a small but measurable amount of torsion waves that would otherwise be traveling straight down and / or straight up with the gravitational field.

9.8.5 IMPORTANCE OF ROTATION IN ENERGY-SHIELDING EFFECT

So, **only the rotating pyramid survived the galaxy-induced "blackout" of December 4, 1979, and somehow the rotation caused it to eventually harness more energy than all the others.** This was Parr's first realization that rotating the pyramids could dramatically enhance the strength of energy that they were absorbing and radiating, as Russian scientists such as Kozyrev had already discovered. For several years he tinkered with various designs to rotate pyramids, and he also found out that he could strengthen their energy fields even further by passing them through alternating magnetic fields as they rotated. This allowed him to reach levels much higher than the 1 to 3 percent shielding for a stationary pyramid. As he reached these higher levels,

he also noticed that there would be a reduction in the weight of objects inside the pyramid as well; gravity was also being shielded.

9.8.6 "PINCH-OFF" AND HYPERSPACE

Over this time, he calculated that when he could get the pyramids to reach a certain speed while also bathing the surrounding air with atomic particles such as ions, there would be a "pinch-off" where the shielding would reach 100 percent. At this point the pyramid's energy field would completely shield off all electromagnetic, radioactive and gravitational energy. Rotation alone could create a 50% shielding effect when the proper speed was attained, and the atomic particles were required to reach the 100% pinch-off point. Sunlight could also be used as the source of atomic particles to achieve complete shielding in the energy orb.

Obviously, this fits in with our previously stated ideas about objects displacing into higher levels of aetheric density, drawing from the concepts of Dr. Vladimir Ginzburg, Dr. A.M. Mishin and Dr. Harold Aspden. Indeed, it appears that an object will gradually displace into a higher aetheric density as it vibrates closer to the speed of light. Eventually, a complete shift can be made into the higher density at that point, and when the pressure is later released, the object will naturally shift back down into our own density. This also correlates with the patent of David Hudson, where microcluster iridium was seen to disappear when it was heated up to 850° Celsius, but would reappear when the temperature was reduced.

Therefore, it shouldn't surprise us that once the 100% shielding level was attained in Parr's experiments, the pyramid would temporarily disappear from our known "three-space" reality. At these times, the pyramids would disconnect from their epoxy mountings on the rotating arm, which was calculated to require 2000 pounds of force, or a sudden increase in kinetic (movement) energy that was 113,000 times greater than before. In 55 different experiments of this type, the pyramid would pass through solid objects such as the wall of the machine, which formed an enclosed shell that surrounded the path of the pyramid's rotation. When the pyramid would re-emerge into our own space after passing through the solid casing of the machine, it would be traveling at a tremendous speed like a bullet and often end up embedding itself into the wall of his laboratory or exploding.

9.8.7 SETUP OF EXPERIMENT

Now that we have established that this very anomalous effect would occur, it is good for us to have a better understanding of how this machine was actually constructed. In Parr's setup, a 5-inch thick, 3-foot diameter circular chamber houses a blade that rotates in a propeller-like fashion. The wood blade is 3 inches wide by 1/8-inch thick and swings in a 25-inch diameter circle. At both ends of the arm, two small one-inch base pyramids weighing eight grams each and made of ABS plastic are attached. The points of the pyramid are horizontally aligned with the base, pointing away from the center of the arm. The centrifuge is driven by a 12-volt DC ¼ horsepower motor in the 700-2400 rpm range. As the pyramids rotate, they pass through 36 pairs of magnets arranged in a giant circle, each pair attached just over one inch above and below the path of the pyramids on the ends of the rotating arm. The magnetic pairs alternate between north and south polarity, causing a

continuing fluctuation in the fields that the pyramids were exposed to.

As we said, Parr determined that under sufficiently energetic conditions, the interior of the 1-inch wide plastic pyramids would start to shield all known energy fields, whether gravitational, electromagnetic or radioactive. The area inside the bubble surrounding the pyramids would lose weight. Radioactive materials, radio frequency sources and magnetic sources placed inside the small pyramids would be shielded from the outside. When pinch-off is achieved, the pyramids would either self-destruct or travel through solid objects, as indicated. This would also have the effect of causing extensive damage to the rotating arm and the entire inside of the machine.

9.8.8 ENERGY STREAM BETWEEN SUN AND ORION'S BELT

Parr found that this sudden increase of energy leading to pinch-off would occur most reliably every year on Dec. 13-16, and his measurements were taken over a 13-year period. Eventually, Parr discovered that at this time, the Earth's orbital path was intersecting an imaginary line that could be drawn between the Sun and the belt stars of Orion. This led Parr to conclude that **an active energy conduit of some sort exists between the Sun and the stars of Orion's belt.** This also falls in line with our expectations related to torsion fields, as there will be streams of aetheric energy connecting all the stars together and flowing between them. The closer we are to a star, the stronger the stream will be, and in the case of Orion's belt we have three central stars in close proximity with four other close stars surrounding them in a giant "X" shape. Thus, the shape of the stars in the Orion constellation forms a passive torsion generator in its own right.

9.8.9 ACCELERATION TO AND FROM THE MOON

One of the most interesting findings of Joe Parr comes from his observations of which direction the pyramids would travel in once they achieved pinch-off. Under the following experimental conditions, we should assume that the moon is new, meaning that it is not giving off light. Parr found that if the rotating chamber for the pyramid was bathed with negative ions, it would accelerate away from the moon. However, if the chamber was filled with positive ions, the pyramid would accelerate towards the moon. This fits in line with our quantum physics models, where in this case we would see the Earth as if it were a giant atom. A pyramid that is displaced into a higher aetheric density with negative ions will move towards the center of the earth, just as the negatively-charged electron clouds will press towards the center of the atom. Similarly, a pyramid charged with positive ions will accelerate away from the center of the earth, repelling against the negative charge.

9.9 STAN TENEN'S DISCOVERY OF GIZA PYRAMID AS RESONATOR

In a 2000 appearance on the Laura Lee Show, researcher Stan Tenen noted that the Great Pyramid of Giza **is built in harmony with the molecular structure of its materials.** The vast majority of blocks that make up the pyramid are limestone, which is primarily a calcium carbonate [CaCO₃] crystal. The Great Pyramid was built with a 51 degree, 51 minute slope angle, and Tenen pointed out that the calcium carbonate molecule has an approximately 52-degree angle in its shape. This is known as a "cleavage angle" and means that when pure calcium carbonate crystals are split, they will tend to split along this 52-

degree angle. Therefore, Tenen claims, the slope angle of the pyramid brings its entire shape into harmony with the molecules of the matter that makes it up. Tenen knows of no other structure on Earth that fits this pattern. Clearly, such a harmonic connection between "micro" and "macro" would only further enhance the pyramid's effects.

REFERENCES:

Golod, Krasnoholovetz, et al. (Russian Pyramid Studies)

Grebennikov, Victor. Chapter V: Flight. (Notes on Cavity Structural Effect, etc.) Translated by Dr. Juri Cherednichenko.

Grebennikov, Victor. The Mysteries of the World of Insects. Novosibirsk, 1990.

Grebennikov, Victor. Sibirskii Vestnik Selskokhoziastvennoi Nauki, no. 3, 1984.

Grebennikov, Victor. Pchlovodstvo, no. 12, 1984.

Nasonov, Yu. V. Torsion: Experimental investigation of new long-range actions.

Parr, Joseph. The Mystery and Secret of the Great Pyramid.