

# References

1. I Aleksander, H Morton. An Introduction to Neural Computing. London: Chapman and Hall, 1990.
2. MM Arsanskii, VP Serbakov. Vibro-diaagnostika i upravlenie tocinostiu abrabotki na metalorejusih stankah. Moscow: Masinostroenie, 1988.
3. MS Barbu. Contributii la elucidarea unor aspecte teoretice si constructive ale tribosistemului format de cupla elicoidala cu elemente de rulare. Thesis abstract, IIS Sibiu, 1994.
4. GH Bate. Vibration Diagnostics for Industrial Electric Motor Drives. B&K Application Notes BO 0269-12, 1990.
5. LL Bernaek. Noise and Vibration Control. New York: McGraw-Hill, 1971.
6. VS Bilhardt, A Sturm. Wälzlagerdiagnose. Der Maschinenschaden 64, 1991.
7. D Boboc. Stadiul actual al cercetarilor privind diagnosticarea vibroacustica a masinilor-unelte. PhD dissertation 1, U. P. Bucharest, 1993.
8. D Boboc. Studii teoretice si cercetari experimentale privind diagnosticarea vibroacustica a masinilor-unelte. Contributii la diagnosticarea lanturilor cinematice de avans. PhD dissertation 1, U. P. Bucharest, 1994.
9. D Boboc, A Carabeanu. On the frequential characteristics of the ball screw drive. Proceedings of SISOM'94 Symposium, Bucharest, 1994.

10. D Boboc. Metode tehnice de profunzime în vibro-diagnoza masinilor-unelte. Constructia de masini 3. Bucharest: Editura Tehnica, 1995.
11. D Boboc, G Enciu, S Velicu. Testarea vibroacustica a unor utilaje de ridicat. Tehnologii Calitate Masini Materiale 9, Bucharest: Editura Tehnica, 1994.
12. L Bogdan. Cercetari teoretice si experimentale privind conceperea unor sisteme de diagnosticare pentru masini-unelte. PhD dissertation, U.P. Bucharest, 1994.
13. L Bogdan, C Ispas, D Telea. Model matematic pentru stabilirea diagnosticului tehnic la masinile-unelte. Tehnologii Calitate Masini Materiale 9, Bucharest: Editura Tehnica, 1994.
14. L Boros, GH Bate. Early Detection of Gear Faults Using Vibration Analysis in a Manufacturer's Test Department. B&K Application Notes BO 0295-11, 1991.
15. E Botez, V Moraru, C Ispas, C Minciu. Masini-unelte. Vol. II. Organologia si Precizia Masinilor-Unelte. Bucharest: Editura Tehnica, 1978.
16. JD Boyes. Analysis Technique for Gearbox Diagnosis Using the High Resolution FFT Analyser. B&K Application Notes 106, 1981.
17. JT Broch. Mechanical Vibration and Shock Measurements. 2nd ed. Brüel & Kjær, 1980.
18. DN Brown. Machine-Condition Monitoring Using Vibration Analysis. B&K Application Notes BO 0209-11, 1990.
19. DN Brown, T Jensen. The Use of Crest Factor and Cepstrum Analysis for Bearing Fault Detection. B&K Application Notes BO 0252, 1990.
20. DN Brown, T Jensen. The Use of Spectrum Comparison for Bearing Fault Detection. B&K Application Notes BO 0253-11, 1990.
21. DN Brown, T Jensen. Peak and Envelope Analysis for Bearing Fault Detection. B&K Application Notes BO 0286-11, 1990.
22. G Buzdugan, E Mihailescu, M Rades. Masurarea vibratiilor. Bucharest: Editura Academiei, 1979.
23. E Carata. Cercetari privind supravegherea si diagnoza automata a starii sculei în sistemele flexibile de prelucrare prin aschiere. PhD dissertation, IP Iasi, 1993.
24. C Cempel. Passive diagnostics and reliability experiment: Application in machine condition monitoring. Trans ASME, 111, 1989.
25. TG Cioara. Harmonic components detection from a FFT spectrum of one complex signal. Proceedings of FASE—Symposium, Bucharest, 1993.
26. C Claessens. Vibration Measurements in Predictive Maintenance. B&K Application Notes BO 0094-11, 1990.
27. RA Collacott. Vibration Monitoring and Diagnosis. New York: McGraw-Hill, 1979.
28. Condition Monitoring of Industrial Machinery Using Mechanical Vibration as a Machine-Health Indicator. B&K BG 0016.

29. A Darabont, I Iorga, M Ciodaru. Masurarea Zgomotului si Vibratiilor în Tehnica. Bucharest: Editura Tehnica, 1983.
30. A Darabont, I Iorga, D Vaiteanu, H Simaschevici. Socuri si Vibratii. Aplicatii în Tehnica. Bucharest: Editura Tehnica, 1988.
31. L Deacu, G Pavel. Vibratii la Masini-Unelte. Cluj: Editura Dacia, 1977.
32. EN Diei, DA Dornfeld. Acoustic emission sensing of tool wear in face milling. Konstruivovanie i tehnologhii masinostroiinii 3, 1988.
33. EN Diei, DA Dornfeld. A model of tool fracture generated acoustic emission during machining. Konstruivovanie i tehnologhii masinostroiinii 3, 1988.
34. R Dogaru. Aspecte ale generarii si prelucrarii informatiei cu retele neurale artificiale. PhD dissertation, University Politehnica Bucharest, 1996.
35. A Dorin, D Boboc. Metode de diagnoza a masinilor-unelte cu comanda numerica, Tehnologii Calitate Masini Materiale 9, Bucharest: Editura Tehnica, 1994.
36. DA Dornfeld. Neural network sensor fusion for tool condition monitoring. Annals CIRP 39:1, 1990.
37. M Dowling. Machine Condition Monitoring Using Vibration Analysis. B&K Application Notes BO 0280-11, 1990.
38. E Downham, R Woods. The Rationale of Monitoring Vibration on Rotating Machinery in Continuously Operating Process Plant. B&K Application Notes 19-023, 1990.
39. B Dragan. Contributii la stabilirea posibilitatilor de reducere a zgomotului si vibratiilor la cutiile de viteza ale masinilor-unelte. PhD dissertation, I. P. Iasi, 1987.
40. B Dragan, F Taraboanta, GD Hagi. Contributions for establish possibilities ball bearing vibration diagnosing. Proceedings of FASE—Symposium, Bucharest, 1993.
41. MA Elbestawi, HJ Tait. A comparative study of vibration monitoring techniques for rolling element bearings. Proceedings of 4th International Modal Analysis Conference, Los Angeles, 1986.
42. G Enciu. Cercetari teoretice si rezultate experimentale preliminare privind dinamica lanturilor cinematice de avans ale masinilor-unelte din componenta sistemelor flexibile de prelucrare. PhD dissertation 2, U.P. Bucharest, 1993.
43. G Enciu, D Boboc. Consideratii asupra unei metode de cercetare a dinamicii mecanismelor lantului cinematic de avans. Lucrarile celei de a opta Conferinte Nationale de Masini-Unelte, Bucharest, 1991.
44. R Förster. Bildung und Anwendung von Diagnosekennzahlen für die Schadenfrüherkennung. Maschinenbautechnik 9, 1988.
45. S Gade, H Herlufsen. Use of the Weighting Functions in DFT/FFT Analysis. B&K Technical Review 3, 1987.
46. M Gafitanu, S Cretu, B Dragan. Diagnosticarea Vibroacustica a Masinilor si Utilajelor, Bucharest: Editura Tehnica, 1989.

47. M Gafitanu, B Dragan. Diagnoza prin vibratii si zgomot în functionarea masinilor-unelte, Sesiunea FORTUS-83, Iasi, 1983.
48. M Gafitanu, V Focsa, V Merticaru, L Biborosch. Vibratii si Zgomote. Iasi: Editura Junimea, 1980.
49. M Gafitanu, VF Poterasu, N Mihalache. Elemente Finite si de Frontiera cu Aplicatii la Calculul Organelor de Masini, Bucharest: Editura Tehnica, 1987.
50. M Gafitanu, F Taraboanta, B Dragan. Vibration diagnosing inner race defect length of ball bearings. Proceedings of FASE—Symposium, Bucharest, 1993.
51. F Georgescu, C Klein. Ball and roller manufacturing control by vibration diagnosing. Proceedings of FASE—Symposium, Bucharest, 1993.
52. M Ghenkin, AG Sokolova. Vibroacusticeskaia diagnostica masin i mehanizmov. Moscow: Masinostroenie, 1987.
53. M Ghercioiu. Instrumentatia virtuala. Orizonturi în instrumentatie, 3:1, 1995.
54. SN Gu, JL Zhang, JS Jiang, CA He. A vibration diagnosis aproach to structural fault. Trans ASME 111, 1989.
55. CM Harris, CE Crede. Socuri si vibratii. vol. 1–3. Editura Tehnica, Bucharest, 1968.
56. J Hassal, H Zaveri. Acoustic Noise Measurements. Application of B&K Equipment, B&K, Nærum, 1978.
57. H Hedesiu. LabVIEW în control de procese în mediu industrial. Orizonturi în instrumentatie 3:2, 1995.
58. H Herlufsen. Order Analysis Using Zoom FFT. B&K Application Notes 012-81.
59. K Hess, W Weber. Probleme der Diagnostik in der automatisierten Fertigung. Fertigungstechnik und Betrieb no. 5, 1982.
60. A Hristev. Mecanica si Acustica. Bucharest: Editura Didactica si Pedagogica, 1982.
61. Hypersignal, User's Guide. Hyperception, Texas.
62. H Iarbin. The dynamic characteristics of slideways and its mathematical models. Annals CIRP 39:1, 1990.
63. Instrumentation Reference and Catalogue. National Instruments, Austin, TX, 1995.
64. ISO/D 3740. Determination of Sound Power Levels of Noise Sources—Guidelines for the Use of Basic Standards.
65. C Ispas, D Boboc, and staff. Cercetarea, conceptia, executia, încercarea si aplicarea unui sistem numeric de masurara a deplasarilor liniare si unghiulare ale masinilor-unelte si robotilor industriali. Contract 26-89-15/2, November 1989.
66. C Ispas, D Boboc. Metode tehnice de suprafata în diagnosticul vibroacustic al masinilor-unelte. Constructia de masini no. 3, Bucharest: Editura Tehnica, 1994.

67. C Ispas, D Boboc, and staff. Studiul, cercetarea, proiectarea si executia unor sisteme de diagnosticare a starii sculelor aschietoare. Contract with IMA Semanatoarea, 1989.
68. C Ispas, D Boboc, L Bogdan. Cercetari teoretice si experimentale privind diagnosticul tehnic la sistemele tehnologice de prelucrare. Tehnologii Calitate Masini Materiale no. 11, Bucharest: Editura Tehnica, 1995.
69. C Ispas, D Boboc. Consideratii asupra diagnosticarii sculelor aschietoare. Tehnologii Calitate Masini Materiale no. 12, Bucharest: Editura Tehnica, 1996.
70. C Ispas, D Boboc. Consideratii asupra diagnosticarii procesului de aschiere. Tehnologii Calitate Masini Materiale no. 12, Bucharest: Editura Tehnica, 1996.
71. C Ispas, L Bogdan, I Barsan. Metoda ON-LINE de evaluare a starii de uzura a sculelor aschietoare. Tehnologii Calitate Masini Materiale no. 9, Bucharest: Editura Tehnica, 1994.
72. C Ispas, D Boboc, I Tanase, A Ionescu. Fiabilitatea sistemelor tehnologice de prelucrare. U.P. Bucharest Lithograph, 1994.
73. C Ispas, L Bogdan, D Boboc, S Burdea. Cercetari privind conceperea si aplicarea unor metode si tehnici de diagnosticare la masini-unelte. Contract with The Science and Education Ministry, 1990–1993.
74. C Ispas, L Bogdan, C Dogariu, A Anculete. Research regarding vibroacoustical phenomena on cutting machine tools. Proceedings of 10th International Symposium, Romanian Academy, Acoustical Commission, Bucharest, 1993.
75. C Ispas, L Bogdan, D Telea. Model matematic pentru stabilirea diagnosticului tehnic la masini-unelte. Tehnologii Calitate Masini Materiale no. 9, Bucharest: Editura Tehnica, 1994.
76. C Ispas, F Ionescu, F Simion, D Boboc. Vibratiile masinilor-unelte. I.P. Bucuresti Lithograph, 1985.
77. C Ispas, N Predincea, C Dogariu. Metode de cercetare a masinilor-unelte. I.P.B. Lithograph, 1992.
78. C Ispas, F Simion. Vibratiile Masinilor-unelte. Teorie si aplicatii. Bucharest: Editura Academiei, 1986.
79. C Ispas, I Tanase, D Boboc, S Burdea. Cercetarea, conceperea si executia unor sisteme de diagnosticare a starii sculelor aschietoare. Contract with IMUA Bucharest, 1990.
80. A Janac, I Kuric. Correlation between geometrical undulation and vibration of rolling bearings. Proceedings of 5th International DAAAM Symposium, Maribor, Slovenia, 1994.
81. S Jetley. Measurement of flank wear on cyclotron-actived tools. *Wear* 76, 1982.
82. CC Kennedy, CDP Pancu. On modal analysis. *J Aero Sci* 14, 1947.
83. G Kiratli. Konzept und Realisierung eines wissenbasierten Systems zur Diagnose und Bedienunterstützung bei komplexen Fertigungseinrichtungen. PhD dissertation, Aachen, 1989.

84. W Von Konig, G Ketteler. Prozeßüberwachung beim Messerkorpfstirnfraßen durch Auswertung von Acoustic Emission-Signalen. VDI-Z 136:4, 1994.
85. I Kuric, S Turek. Simulation of influence of geometrical undulations on rolling bearings. Proceedings of 5th International DAAAM Symposium, Maribor, Slovenia, 1994.
86. LabVIEW for Windows, Demonstration Guide. National Instruments, Austin, TX, 1992.
87. LabVIEW for Windows, Application Software. National Instruments, Austin, TX, 1992.
88. M Lee, DG Wildes, SR Hayashi, B Keramati. Effects of tool geometry on acoustic emission intensity. Annals CIRP 37:1, 1988.
89. TI Liu, JM Mengel. Intelligent Monitoring of Ball Bearing Conditions. Mechanical Systems and Signal Processing 6(5):419–431, 1992.
90. R Lyon. Machinery Noise and Diagnostics. Butterworth, Stoneham, MA, 1987.
91. RH Lyon, RG DeJong. Design of a high-level diagnostic system. J Vibration, Acoustics, Stress Reliability Design 106, 1984.
92. Machine Condition Monitoring and Analysis. B&K BG 0391-11.
93. Machine Condition Monitoring Systems—A Guide to Selection. B&K BG 0266.
94. Machine-Health Monitoring System 3542. B&K Product Data, BP 0476-12.
95. Machine Monitoring Software Packages. B&K System Development WT 9114.
96. Machine Monitoring Software Packages WT 9114 & WT 9124. B&K System Development, BU 0063-12.
97. Y Maeda, H Uchida, A Yamamoto. Estimation of wear land width of cutting tool flank with the aid of digital image processing technique. Bull Japan Soc Prec Eng 21, 1987.
98. E Magrab. Computer Integrated Experimentation. Springer-Verlag, Berlin, 1991.
99. I Malecki. Acoustic emission as a tool for diagnostics of machinery. Proceedings of FASE—Symposium, Bucharest, 1993.
100. K Marchelek, J Tomkow, M Pajor. Investigating vibration stability of a milling machine in the planning-designing process. Tehnologii Calitate Masini Materiale no. 9, Bucharest: Editura Tehnica, 1994.
101. J Marks, MA Elbestawi. Development of machine tool condition monitoring system using pattern recognition. Proceedings of ASME 28, 1990.
102. Master Catalogue. Brüel & Kjær, 1990.
103. Mechanical Engineering Publications, Ed. Machine Condition Monitoring. GB, 1990.
104. G Meltzer. Maschinen und Anlagendiagnostik aus der Sicht der Maschinendynamik. Maschinenbautechnik 3, 1988.

105. G Meltzer. Objektivierte instrumentelle Zustands Diagnostik von rotierenden Baugruppen. *Maschinenbautechnik* no. 2, 1989.
106. V Meticaru. Contributii privind dependenta zgomotului angrenajelor cu roti dintate cilindrice cu dinti drepti de conditiile de executie si exploatare. PhD dissertation, IP Iasi, 1971.
107. HP Meyen. Acoustic Emission. Mikroseismik im Schleif Prozeß. PhD dissertation, Aachen, 1991.
108. R Milne. Strategies for Diagnosis. Doc. IEEE 0018-9472, 1987.
109. V Moraru, C Ispas, S Rusu. Vibratiile si Stabilitatea Masinilor-Unelte. Bucharest: Editura Tehnica, 1982.
110. T Moriwaki. Detection for cutting tool failure by acoustic emission measurements. *Annals CIRP* 29:1, 1980.
111. T Moriwaki. Application of acoustic emission measurement to sensing of wear and breakage of cutting tools. *Bull Japan Soc Prec Eng* 17:3, 1983.
112. PC Mulders. A modal study of feed-drive for NC. *Annals CIRP* 31:1, 1982.
113. Multichannel Analysis System 3550. B&K Product Data, BP1022-11.
114. D Muraru, L Cigan. Unele aspecte privind calculul de rigiditate la contact la ghidajele cu role cilindrice recirculabile. *Lucrarile celei de a cincea Conferinta nationale de masini-unelte*, Bucharest, 1984.
115. C Nagy. Achizitia de date. PC Report Calculatoare personale, no. 41, February 1996.
116. JM Neale, BJ Woodley. Condition Monitoring Methods and Economics. B&K Application Notes 16-054, 1991.
117. Neural Network Development Tool, User's Manual. Bjorn Saxen, 1994.
118. E Oltean. Automatizari si elemente de teoria sistemelor liniare, invariante. U.P. Bucuresti Lithograph, 1993.
119. A Oprean, D Pupaza. Vibration, Monitoring, and Diagnosis of the Rolling-Sliding Contact Wear. *Tehnologii Calitate Masini Materiale* no. 9, Bucharest: Editura Tehnica, 1994.
120. M O'Sullivan. Diagnosis of Vibration Problems in Holland. B&K Application Notes BO 0297-11, 1990.
121. M O'Sullivan. Systematic Machine-Condition Monitoring. B&K Application Notes BO0299-11, 1990.
122. SM Palei, DN Resetov. Avtomatizirovanii kontroli sostoiania rejuscego instrumenta v tocarnih ghibkih proizvodstvenih moduliah. *Stnanki i instrument*, no. 11, 1987.
123. G Paxino. Contributii asupra studiului cinematic si dinamic al mecanismelor lanturilor cinematice de avans pentru masini-unelte cu comanda numerica. PhD dissertation, Bucharest, 1975.
124. N Popinceanu, M Gafitanu, E Diaconescu, S Cretu, DR Mocanu. Probleme fundamentale ale contactului cu rostogolire. Bucharest: Editura Tehnica, 1985.

125. X Pu, K Chen, X Ma, Y Shao. Diagnostic method research for cone bearing and cylinder bearing failure. Proceedings of International Symposium on Manufacturing Science and Technology for the 21st Century, Beijing, 1994.
126. D Pupaza. Vibrodiagnoza rulmentilor folosind tehnica înfasuratoarei. Tehnologii Calitate Masini Materiale no. 8, Bucharest: Editura Tehnica, 1994.
127. V Purice. Aspecte teoretice si experimentale privind rigiditatea de contact a suruburilor cu bile. Lucrarile celei de a cincea Conferinta Nationale de Masini-Unelte, Bucharest, 1984.
128. D Radauceanu. Contributii asupra dependentei zgomotului rulmentilor radiali de conditiile de executie si functionare. PhD dissertation, I. P. Iasi, 1978.
129. M Rades. Metode dinamice pentru identificarea sistemelor mecanice. Bucharest: Editura Academiei, 1979.
130. RB Randall. Digital Filters and FFT Technique in Real Time Analysis. B&K Technical Review, no. 3, 1978.
131. RB Randall. Cepstrum Analysis. B&K Technical Review no. 3, 1981.
132. RB Randall. Frequency Analysis. 3rd ed., B&K, 1987.
133. RB Randall. Application of B&K Equipment to Frequency Analysis. B&K, Nærum, 1977.
134. GA Ratcliffe. Condition monitoring of rolling element bearings using the envelope technique. Proceedings of the 1st Mechanical Seminar on Machine Condition Monitoring, 1990.
135. I Roberts. Condition monitoring applied to machine-tools. Annals CIRP 34:1, 1985.
136. S Rusu, F Rosza. Metoda descompunerilor succesive la indentificarea structurala a masinilor-unelte. Lucrarile celei de a doua Conferinta nationale de masini-unelte, Bucharest, 1976.
137. TS Sankar, Ed. Diagnostics, Vehicle Dynamics and Special Topics. ASME, 1991.
138. FS Schindwein. Short Course on Digital Processing. Leicester Univ. Eng. Department, 1993.
139. CH Scholz. Konzeption und Realisierung von Diagnosewerkzeugen auf der Basis konnektionistischer Modelle. PhD dissertation, Aachen, 1991.
140. H Schulz, M Vossloh. Modellgestützte Diagnosesysteme zur flexiblen Überwachung der Fertigung. Werkstatt und Betrieb no. 4, 1986.
141. T Schwarz. Schallanalyse zur Diagnose von Schaden an Hydraulikpumpen. PhD dissertation, Aachen, 1990.
142. VV Sedaci. Pnevmaticeskoe ustroistvo indicatii sostoiania instrumenta. Stanki i instrument, no. 6, 1988.
143. VA Sinopalnicov. Diagnostirovanie iznosa instrumentov. Stanki i instrument no. 1, 1986.



144. VA Sinopalnicov, MB Teresin. Diagnostirovanie sastaiania bîstrorejushih sverl s ucetom ih maksimalnoi temperaturî. Stanki i instrument no. 6, 1987.
145. P Souquet, N Gsib, M Descamps, J Roget, JC Tanguy. Tool monitoring with acoustic emission. Industrial results and future prospects. Annals CIRP 36:1, 1987.
146. S Spiewak. A predictive monitoring and diagnosis system for manufacturing. Annals CIRP 40:1, 1991.
147. STAS 2872/1-86. Prelucrarea rezultatelor masuratorilor. Terminologie si reguli generale pentru prelucrarea rezultatelor.
148. STAS 2872/2-86. Prelucrarea rezultatelor masuratorilor. Evaluarea repetabilitatii si reproductibilitatii metodelor de încercare prin determinari interlaboratoare.
149. STAS 8857-86. Masini-unelte. Metoda simplificata de masurare a nivelului de zgomot.
150. STAS 1670-82. Conditii generale pentru masini-unelte.
151. STAS 7536-71. Masini electrice rotative—metode de masurare a nivelului vibratiilor.
152. STAS 11278-79. Identificarea rezultatelor aberante ale masuratorilor.
153. STAS 10854-82. Socuri si vibratii, terminologie.
154. Structural Testing. (part 1 & 2). B&K BR 0458-12, BR 0507-11.
155. A Sturm, S Von Bilhardt. Wälzlagerdiagnostik. Maschinenbautechnik 39, 1990.
156. A Sturm, R Förster, N Hippmann, D Kinsky. Wälzlagerdiagnostik für Maschinen und Anlagen. VEB Verlag Technik, Berlin, 1985.
157. S Szyszco. Analiza utilizarii metodelor vibroacustice în diagnoza masinilor si instalatiilor mecanice. PhD dissertation, Politeknica Warszawa, 1982.
158. J Tomkow, M Pajor. Stability analysis of machine-tool system in the planning-designing process. Tehnologii Calitate Masini Materiale no. 9, Bucharest: Editura Tehnica, 1994.
159. HK Tönshoff. Meßverfahren zur Diagnose Termischer Verlagerungen in Flachsleifmaschinen. Industrie-Anzeiger no. 46-47, 1987.
160. V Veres. Instrumentatia virtuala. PC Report Calculatoare personale no. 41, February 1996.
161. V Veres. Software pentru instrumentatie virtuala. PC Report Calculatoare personale no. 41, February 1996.
162. M Voicu. Tehnici de analiza a stabilitatii sistemelor automate. Bucharest: Editura Tehnica, 1986.
163. M Weck, G Kiratli. Applicability of expert systems to flexible manufacturing. Robotics Comp Integrated Manufacturing 3:1, 1987.
164. RG White. Techniques and instrumentation for the transient measurement of structural frequency response. Inst. Sound. Vibr. Research Technical Review, Southampton, 1973.

165. H Wiele, P Menz. Automatische Erfassung des Verschleises spanender Werkzeuge. *Fertigungstechnik und Betrieb* vol. 33, 1983.
166. Windows Neural Networks, User's Manual. Version 0.91.
167. PN Wright. *Manufacturing Intelligence*. London: Academic, 1989.
168. C Xu, S Liu, Z Zhou, H Li. An object-oriented integrated fault diagnosis system. *Proceedings of the International Symposium on Manufacturing Science and Technology for the 21st Century*, Beijing, 1994.
169. Y Yang, D Xiao, J Zhou. Failure diagnosis method based on vector projection. *Proceedings of the International Symposium on Manufacturing Science and Technology for the 21st Century*, Beijing, 1994.
170. S Yoshimura, S Psomas, K Maile, AS Jovanovic, HP Ellingsen. Prediction of possible failure mechanism in power plant components using neural networks and structural failure database. *Proceedings of the 20th MPA Seminar*, October 1994.
171. K Zaveri. *Modal Analysis of Large Structures*. Brüel & Kjær, Nærum, 1985.
172. A Zhirabok. Fault diagnosis in dynamic systems using analytical redundancy. *Proceedings of the 5th International DAAAM Symposium*, Maribor, Slovenia, 1994.