

REFERENCES

1. Boateng, R., Nguyen, L., Agarwal, S., Distribution Systems Reliability – Lakeland Electric Case Study: Reliability and Maintainability Symposium, 2003.
2. British Standards Institution, PAS 55: Asset Management, Part 1: Specification for the optimized management of physical infrastructure asset, 2004.
3. Ault, G.W., van der Meijden, M., Toneguzzo, J.P., Welch, I., Asset Management Investment Decision Processes: CIGRE2002, Paris, 2002.
4. Elgerd, O.L., Electric Energy System Theory: An Introduction: McGraw-Hill, Inc, 1985.
5. Mastrocicque, M., Fairechio, W., Johnson, J.A., Lee, S., Doherty, F., Kressner, A., Predicting Electricity Distribution Feeder Failures using Machine Learning Susceptibility Analysis: Proceedings of IAAI-06 (Innovative Applications of Artificial Intelligence), Boston, July 2006.
6. Sirasoontorn, P., Tariff Regulation in Electricity Supply Industry in Thailand: Disussion paper, Available: <http://www.econ.tu.ac.th/doc%2Fcontent%2F334%2FDiscussionPaperNo.7.pdf>, 2009.
7. Energy Policy and Planning Office, Electricity Supply Restructuring and Power Pool Establishment in Thailand, Available: <http://www.eppo.go.th/power/FF/pw-reform-1-main.html>, 2009.
8. Bo, C., Zhaohong, B., Haiming, Z., Feng, L., A Novel Approach for Evaluating Distribution System Reliability: Proceedings of the Conference of Electric Power Supply Industry (CEPSI), Macau, 2008.
9. Chowdhury, A.; Koval, D., Power Distribution System Reliability: Practical Methods and Applications: Wiley-IEEE Press, 2009.
10. Brown, R.E., Spare, J.H., Asset Management, Risk, and Distribution System Planning: IEEE PES Power System Conference and Exposition 2004, 2004.
11. Schwan, M., Schilling, K., Zickler, U., Schnettler, A., Component Reliability Prognosis in Asset Management Methods: 9th International Conference on Probabilistic Methods Applied to Power Systems, KTH, Stockholm, Sweden, June 2006.
12. Haikonen, J., Noponen, K., Pylvanainen, J., Bistrom, M., Reliability Based Asset Management for Investment Strategies and Decision: 19th International Conference on Electricity Distribution, Vienna, Austria, July 2007.
13. Carer, P., Probabilistic Methods Used in Asset Management for Electrical Equipment at EDF: 9th International Conference on Probabilistic Methods Applied to Power Systems, KTH, Stockholm, Sweden, June 2006.
14. Silva, A., Sana MK, M., Dragovic, J., Djapic, P., Strbac, G., Allan, R., Reliability Evaluation of Distribution Networks and Performance Comparison Using Representative Networks: 19th International Conference on Electricity Distribution, Vienna, Austria, July 2007.
15. David, V., Benoit, H., Andre, D., Criticality of Assets: 19th International Conference on Electricity Distribution, Vienna, Austria, July 2007.

16. Lang, B.P., Pahwa, A., Power Distribution System Reliability Planning Using Fuzzy Knowledge Based Approach: IEEE Transaction on Power Delivery, Vol. 15, No. 1, January 2000.
17. Kleiner, Y., Rajani, B., Sadiq, R., Failure Risk Management of Buried Infrastructure Using Fuzzy-Based Techniques: Journal of Water Supply Research and Technology: Aqua, v. 55, no. 2, pp. 81-94, March 2006.
18. Mohseni, M., What does Asset Management Mean to You?: IEEE PES Transmission and Distribution Conference and Exposition 2003, 2003.
19. The World Road Association (PIARC). Available <http://www.piarc.org/>, 2009.
20. Cooperative Research Centre for Integrated Engineering Asset Management (CIEAM), Available: <http://www.cieam.com/>, 2009.
21. Sklar, D., Principles of Asset Management - The Holistic Model, Available <http://www.energypulse.net/>, 2009.
22. The Woodhouse Partnership, Asset Management, Available <http://www.twpl.co.uk/>, 2009.
23. Kueck, J.D., Kirby, B.J., Overholt, P.N., Markel, L.C., Measurement Practices for Reliability and Power Quality: A Toolkit of Reliability Measurement Practices: Prepared by Oak Ridge National Laboratory for U.S. Department of Energy, June 2004.
24. Vetter, C., Werner, T., Kostic, T., Building an asset management system for electric utilities on a component-based environment: Proceeding of the 2000 International Conference on Power System Technology (PowerCon 2000), Perth, Australia, December 2000.
25. KZN Treasury, Guideline on Better Asset Management, Available: http://www.kzntreasury.gov.za/Portals/0/documents/practicenotes/pn/Annexure_A.doc, 2009.
26. Tor, O., Shahidelpour, M., Power Distribution Asset Management: IEEE Power Engineering Society General Meeting, Montreal, 2006.
27. Morton, K., Asset Management in the Electricity Supply Industry: Power Engineering Journal, Vol.13, No.5, October 1999.
28. The Woodhouse Partnership, Education & Training in Asset Management, Available <http://www.twpl.co.uk/>, 2009.
29. The Woodhouse Partnership, Asset Management- Latest Thinking, Available <http://www.twpl.co.uk/>, 2009.
30. Electric Power Research Institute, Guidelines for Power Delivery Asset Management: A Business Model for Program Implementation – Expanded Version: EPRI, Palo Alto, CA, 2005.
31. Williams, L., Jami, I., Argent, S., Good Practice Asset Risk Management: A Regulator's Tale: CIRED 2007, Vienna.
32. Schneider, J., Gaul, A., Neumann, C., Hografer, J., Wellssow, W., Schwan, M., Schnettler, A., Asset Management Techniques: 15th Power Systems Computation Conference, Liege, August 2005.
33. Wenzler, I., Development of an Asset Management Strategy for a Network Utility Company: Lessons from a Dynamic Business Simulation Approach: Simulation & Gaming, Vol. 36 No. 1, March 2005.

34. Davidson, I.E., Utility Asset Management in the Electrical Power Distribution Sector: Inaugural IEEE PES 2005 Conference and Exposition in Africa, Durban, South Africa, July 2005.
35. Smith, P.G., Merritt, G.M., Proactive Risk Management: Controlling Uncertainty in Product Development: Productivity Press, 2002.
36. Smith, P.G., Merritt, G.M., Managing Project Risk: Consulting to Management Journal, pp. 7-13, September 2002.
37. Australian Standard AS/NZS 4360:2004, Risk management, Available: <http://www.riskmanagement.com.au/>, 2004
38. Schreiber, G., Akkermans, H., Anjewierden, A., De Hoog, R., Shadbolt, N., Van De Velde, W., Wielinga, B., Knowledge Engineering and Management: The CommonKADS Methodology: MIT Press, 2000.
39. Drucker, P., Knowledge Worker Productivity- The Biggest Challenge, California Management Review, Vol. 41, 79-94, 1999.
40. Newman, B., A Framework for Characterizing Knowledge Management Methods, Practices, and Technologies, Available at <http://www.km-forum.org/KMCharacterization-Framework.pdf>, 2009
41. Garvin, D. A., Learning in Action: Harvard Business School Press, 2000
42. Argyris, C., Schön D, Organizational learning: A theory of action perspective: Addison Wesley, Massachusetts, 1978.
43. Senge, P. M., The Fifth Discipline: The Art and Practice of the Learning Organization: Currency Doubleday, 1990.
44. Nonaka, I., Hirotaka T., The Knowledge Creating Company: Oxford University Press, 1995.
45. Edvinsson, L., Malone, M.S., Intellectual Capital: Realizing Your Company's True Value by Finding Its Hidden Brainpower: Harper Business, New York, 1997
46. Studer, R., Decker, S., Fensel, D., Staab, S., Situation and Perspective of Knowledge Engineering: IOS Press, 2004.
47. Durkin, J., Expert System: Design and Development: Prentice Hall International, Inc., Macmillan Publishing Company, 1994.
48. Kendal, S., Creen, M., An Introduction to Knowledge Engineering: Springer, 2007
49. Ernst, N.A., Adoption-Centric Knowledge Engineering: Presented at Workshop on Adoption-Centric Software Engineering at ICSE 2003, Portland, OR, 2003.
50. Shadbolt, N. R. and Milton, N., From Knowledge Engineering to Knowledge Management: British Journal of Management, 1999.
51. Epistemics, Available: www.epistemics.co.uk, 2007.
52. Studer, R., Benjamins, R.V., Fensel, D., Knowledge Engineering: Principles and Methods: Data & Knowledge Engineering, Vol. 25, No. 1-2, pp. 161-197, March 1998.
53. Pérez, A.G., Benjamins, V.R., Overview of Knowledge Sharing and Reuse Components: Ontologies and Problem-Solving Methods: Proc. CAI-99 Workshop on Ontologies and Problem-Solving Methods (KRRS), 1999.
54. Thomas R. Gruber, A Translation Approach to Portable Ontology Specifications, Knowledge Acquisition, 5(2):199-220, 1993.

55. Bontas, E.P., Practical Experiences in Building Ontology-based Retrieval Systems: Proceedings of the ISWC 2005 Workshop on Semantic Web Case Studies and Best Practices for eBusiness, Galway, Ireland, 2005.
56. The Protégé Ontology Editor and Knowledge Acquisition System, Available: <http://protege.stanford.edu/>, 2009.
57. The Interactive Collaborative Autism Network (ICAN), Available: <http://www.autismnetwork.org/modules//academic/categorization/index.html>, 2009.
58. Neumann, S., Britton, J., DeVos, A., Widergren, S., Use of the CIM Ontology: Distributech 2006, Tampa, USA, 2006.
59. Uslar, M., Schmedes, T., Lucks, A., Luhmann, T., Winkels, L., Appelrath, H.J., Interaction of EMS related systems by using the CIM standard, in: ITEE 2005: Second International ICSC Symposium on information Technologies in Environmental Engineering: Proceedings, Otto-von-Guericke Universitat Magdeburg, Shaker Verlag, Aachen, pp 596-610.
60. Electric Power Research Institute, Common Information Model (CIM): CIM 10 Version: EPRI, Palo Alto, CA: 2001.
61. International Electrotechnical Commission, IEC 61970 Energy management system application program interface (EMS-API) - Part 301: Common Information Model (CIM) Base, Edition 1.0, November 2003
62. Webster Online Dictionary, Available: <http://www.websters-online-dictionary.org/>, 2009.
63. Wikipedia: The Free Encyclopedia, Categorization, Available: <http://en.wikipedia.org/wiki/Categorization>, 2009.
64. Rosch, E., Principles of Categorization: R. E. and B. B. Lloyd, editors. Hillside, NJ, Lawrence Erlbaum Publishers: 27-48, 1978.
65. Boxes and Arrows, What Is A Controlled Vocabulary?, Available: http://www.boxesandarrows.com/view/what_is_a_controlled_vocabulary, 2009.
66. Library and Archives Canada, What is a controlled vocabulary?, Available: <http://www.collectionscanada.gc.ca/government/004/007004-4000-e.html>, 2009.
67. <http://www.metamodel.com/article.php?story=20030115211223271>
68. Hornby, A.S., Oxford Advanced Learning's dictionary: Oxford University Press, 2005.
69. Rees, R.V., Clarity in the Usage of the Terms Ontology, Taxonomy and Classification: Conference Paper CIB73, 2003
70. Dogac, A., Laleci, G. B., Kabak, Y., Cingil, I., Exploiting Web Service Semantics: Taxonomies vs. Ontologies: IEEE Data Engineering Bulletin, Vol. 25, No. 4, December 2002.
71. Wang, X., Schulz, N., Neumann, S., CIM Extensions to Electrical Distribution a CIM XML for the IEEE Radial Test Feeders: IEEE Transactions on Power Systems, August 2003.
72. Gruber, T.R., A Translation Approach to Portable Ontology Specifications. Knowledge Acquisition, 5(2):199-220, 1993.
73. Mizoguchi, R., Task ontology for reuse of problem solving knowledge: Proceeding of Knowledge Building & Knowledge Sharing (KB&KS95), Enschede, The Netherland, 1995.

74. Mizoguchi, R., Tutorial on ontological engineering - Part 1: Introduction to Ontological Engineering: New Generation Computing, OhmSha&Springer, Vol.21, No.4, pp.365-384, 2003.
75. Gruber, T., What is an Ontology?, Available: <http://www-ksl.stanford.edu/kst/what-is-an-ontology.html>, 2009.
76. Obitko, M., Introduction to Ontologies and Semantic Web, Available: <http://www.obitko.com/tutorials/ontologies-semantic-web/>, 2007.
77. Brusa, G., Caliusco, M.L., Chiotti, O., Building Ontology in Public Administration: A Case Study: Proceedings of the First International Workshop on Applications and Business Aspects of the Semantic Web (SEBIZ 2006), 2006.
78. Dumas, M., Wil der Aalst, W.M.V., ter Hofstede, A.H., Process-Aware Information Systems: Bridging People and Software Through Process Technology: A John Wiley & Son, Inc., Publication, 2005.
79. Bennett, S., Skelton, J., Lunn, K., Schaum's Outline of UML, Second Edition: The McGrawhill Company, 2005.
80. Electric Power Research Institute, Equipment Performance Database with Common Information Model (CIM) Data Models and Performance Data for Transformers: EPRI, Palo Alto, CA: 2005.
81. Booch, G., Object-oriented Design with Application: the Benjamin/Cummings Publishing Company, Inc., 1991.
82. McMorran, A.W., An Introduction to IEC 61970-301 & 61968-11: The Common Information Model: University of Strathclyde, Glasgow, UK, January 2007
83. Chitnis, M., Tiwari, P., Ananthamurthy, L., UML Overview, Available: www.developer.com/design/article.php/1553851, 2009.
84. XML Tutorial, Available: <http://www.w3schools.com/xml/>, 2009.
85. Dag, H., Utakan, U., An XML Based Data Exchange Model for Power System Studies: Proceedings of the first international workshop on Interoperability of heterogeneous information systems, Bremen, Germany, 2005.
86. Tessella Technical Supplement, Available: <http://www.tessella.com/literature/supplements/xml.pdf>, 2007.
87. W3C, Semantic Web, Available: <http://www.w3.org/2001/sw/>, 2009.
88. W3C, Resource Description Framework, Available: <http://www.w3.org/2001/rdf/>, 2009.
89. Tauberer, J., Learning RDF, Available: <http://www.rdfabout.com/>, 2009.
90. Decker, S., Harmelen, F.V., Broekstra, J., Erdmann, M., Fensel, D., Horrocks, I., Klein, M., Melnik, S., The Semantic Web - on the respective Roles of XML and RDF, Available: <http://www.ontoknowledge.org/oil/downl/IEEE00.pdf>., 2009.
91. deVos, A., Widergren, S.E., Zhu, J., XML for CIM Model Exchange: Proceedings of the PICA 2001 (The 22nd International Conference on Power Industry Computer Applications), IEEE Power Engineering Society, 2001.
92. Decker, S., Harmelen, F.V., Broekstra, J., Erdmann, M., Fensel, D., Horrocks, I., Klein, M., Melnik, S., The Sematic Web - The Roles of XML and RDF: IEEE Internet Computing, September/October, 2000.
93. International Electrotechnical Commission, IEC 61968: Application integration at electric utilities – System interfaces for distribution management, 2003.

94. International Electrotechnical Commission: IEC 61970-501: Energy management system application program interface (EMS-API) – Part 501: CIM RDF Schema – Revision 4. International Electrotechnical Commission, 2004.
95. Noy, N.F., Fergerson, R.W. Musen, M.A., The knowledge model of Protege-2000: combining interoperability and flexibility: 2th International Conference on Knowledge Engineering and Knowledge Management (EKAW 2000), Juanles- Pins, France, 2000.
96. McMorran, A., Mercury CIM, Available: <http://cimphony.org/mercury/Index>, 2009.
97. Anders, G., Risk Analysis in Electric Power Systems: The Workshop on Risk Assessment Methods PMAPS'06, 2006.
98. Lang, B.P., Pahwa, A., Power Distribution System Reliability Planning Using a Fuzzy Knowledge-Based Approach: IEEE Trans. Power Delivery. 15(1): 279 – 284, 2000.
99. Jørn Heggset, J., Christensen, J.S., Bakken, K.R., Bertling, L., Engen, H., Pylvänäinen, J., Hasselström, J., Failure Models for Network Components as a Basis for Asset Management”, NORDAC2006, Stockholm, Sweden.
100. Vuckovic, L.J., Savic, S., Cvetkovic, M., Elements and Methods for Risk Assessment of an Electric Power Transmission System: Working and Living Environmental Protection Vol. 2, No 5, 2005, pp. 421 - 430
101. Zadeh, L.A., Fuzzy Sets: in Information and Control, vol. 8. New York: Academic Press, 1965, pp. 338-353.
102. Chevrie, F., Guely, F., Fuzzy Logic: Cahier Technique Schneider No .191, pp.28, 1998.
103. Chow, M.Y., Fuzzy Systems: in CRC Press Industrial Electronics Handbook, D. Irwin, Ed.: CRC, 1996.
104. Tomsovic, K., Chow, M.Y., IEEE Power Engineering Society Tutorial: Fuzzy Set Applications to Power Systems, IEEE PES TP-140-0, Jan. 2000.
105. Pislaru, M., Trandabat, M., Ursache, S., M. Fuzzy Expert System for Power Quality Assessment: 15th IMEKO TC 4 Symposium on Novelties in Electrical Measurements and Instrumentations, Lasi, Romania, 2007.
106. Mendel, J. M., Fuzzy logic systems for engineering: A tutorial: IEEE, vol. 83, pp. 345–377, Mar. 1995.
107. Hellmann, M., Fuzzy Logic Introduction: Universit  e de Rennes, France, March 2001.
108. Jantzen, J., Tutorial on Fuzzy Logic: Technical University of Denmark, Dept. of Automation, Lyngby, Denmark, 1998.
109. Zimmermann, H.J., Fuzzy Set Theory and its applications. Kluwer Academic Publisher, Dordrecht, 1991.
110. Mahanant, N., Risk Assessment is Fuzzy Business – Fuzzy Logic Provides the Way to Assess Off-site Risk from Industrial Installation, Available: <http://www.bechtel.com/PDF/BIP/34936.pdf>, 2006.
111. Mamdani, E.H., Application of Fuzzy Logic to Approximate Reasoning Using Linguistic Systems: Fuzzy Sets and Systems, 1977, 26: 1182-1191.
112. Castellano, G., Fanelli, A.M., Mencar, C., Design of Transparent Mamdani Fuzzy Inference Systems: IOS Press, 2003.

113. Najjaran, H., Sadiq, R., Rajani, B.B., Fuzzy expert system to assess corrosion of cast/ductile iron pipes from backfill properties: Computer-Aided Civil and Infrastructure Engineering, v. 21, no. 1, pp. 67-77, January 2006.
114. Wang, L.X., Mendel, J.M., Generating Fuzzy Rule by Learning through Examples: IEEE Transaction on Systems, Man, and Cybernetics, Vol. 22, No.6, 1992.
115. Tomsovic, K., Fuzzy Systems Application to Power Systems, Available: <http://tomsovic.eecs.wsu.edu/Vitae/Publications/TOMS00a.pdf>, 2006.
116. Pant, S.N., Holbert , K.E., Fuzzy Logic in Decision Making and Signal, Processing”, Available: <http://enpub.fulton.asu.edu/powerzone/fuzzylogic/index.htm>, 2006
117. Simoes, M. G., Introduction to Fuzzy Control, Available: http://egweb.mines.edu/faculty/msimoes/tutorials/Introduction_fuzzy_logic/Intro_Fuzzy_Logic.pdf , 2006.
118. Benedicenti, L., Succi, G., Vernazza, T., Valerio, A., Object Oriented Process Modeling with Fuzzy Logic: Proceeding of the 1998 ACM Symposium on Applied Computing, Atlanta, Georgia, 1998.
119. Momoh, J.A., Tomsovic, K., Overview and Literature Survey of Fuzzy Set theory in Power System: IEEE Transactions in Power Systems, Vol. 10, No. 3, August 1995.
120. Hiyama, T., Tomsovic, K., Current Status of Fuzzy System Application in Power System: Proceeding of 1999 IEEE SMC99, pp VI 527-532, Tokyo, Japan, October 1999.
121. Osztermayer, J., Zhang, H.G., Feser, K., Enhanced Competitiveness with a Modern Asset Management System: International Symposium in Modern Electric Power System, Wroclaw, pp 64-69, September 2002.
122. Osztermayer, J., Feser, K., Condition Based Risk Management of Power System Asset: International Symposium on High Voltage Engineering, delft, 25-29 August 2003.
123. Tomsovic, K., Fuzzy Systems Applications to Power Systems- Chapter IV-Short Course: The 1999 International Conference on Intelligent System Application to Power Systems, Rio de Janeiro, Brazil, April 1999.
124. Grinstead, C.M., Snell, J.L., Introduction to Probability: American Mathematical Society, 1997.
125. Rajani, B., Kleiner, Y., Sadiq, R., Translation of Pipe inspection Results into Condition Ratings Using the Fuzzy Synthetic Evaluation Technique,” Journal of Water Supply Research and Technology: Aqua, v.55, no. 1, pp.11-24, Feb. 2006.
126. American Power Conversion, Reliability Models for Electric Power System, Available http://www.apcmedia.com/salestools/SADE-5TNQYW_R0_EN.pdf , 2009.
127. Roos, F., Lindah, S., Distribution System Component Failure Rates and Repair Times – An Overview: Nordic Distribution and Asset Management Conference 2004, Finland, August 2004
128. Bertling, L., Eriksson, R., Allan, R.N., Gustafsson, L.A., Ahlen, M., Survey of Causes of Failures Based on Statistics and Practice for Improvements of Preventive Maintenance Plans: Proceedings of 14th PSCC, Sevilla, June 2002,

129. Morris, A.S.G., Basic Principles of Current Rating Calculations: IEE Colloquium on Design of medium Voltage Polymeric Cables, pp. 8/1 - 8/9, 1994.
130. Lanham, C., Understanding the Tests that are Recommended for Electric Motor Predictive Maintenance, Available: <http://www.skf.com/files/692662.pdf>, 2009.
131. Najjaran, H., Rajani, B., Sadiq, R., A Fuzzy Expert System for Deterioration Modeling of Buried Metallic Pipes: 2004 NAFIPS International Conference, Banff, AB., June 27-30, pp. 1-6, 2004.
132. Mashikian, M. S., Szatkowski, A., Medium Voltage Cable Defects Revealed by Off-Line Partial Discharge Testing at Power Frequency: IEEE Electrical Insulation Magazine, vol. 22, n0. 4, 24-32, 2006.
133. Gorur, R.S., Jewell, W., A Novel Approach for Prioritizing Maintenance of Underground Cables: Power Systems Engineering Research Center, Arizona State University, October, 2006.
134. Electric Power Research Institute, Utility Line Inspections and Audits: A Power Quality and Reliability Guidebook: EPRI, Palo Alto, CA, 2007.
135. Research and Development Department, Manual for Feeder Inspection and Defect Correction, MEA, 2009.
136. Hjartarson, T., Jesus, B., Hughes , D.T., Godfrey, R.M., Development of Health Indices for Asset Condition Assessment: IEEE PES, Vol.2, pp. 541- 544, 2003.
137. Toronto Hydro Electric System Limited, Distribution Asset Condition Assessment for Toronto Hydro Electrical Systems, Available: http://www.toronto hydro.com/electricsystem/webassets/documents/D1_T08_S09_ASSET_CONDITION_ASSESSMENTAPPA_V00.pdf, 2007.
138. Electric Power Research Institute, Assessment and Inspection Methods (AIM)-Methodology: Inspection Methodologies for Overhead Transmission Lines: EPRI, Palo Alto, CA, 2000.
139. Electric Power Research Institute, Equipment Failure Modeling for Underground Distribution Cables: EPRI, Palo Alto, CA, 2006.
140. Atherton, R., A Look at Markov Chains and Their Use in Google, Available: <http://orion.math.iastate.edu/msm/Atherton RMSMSS05.pdf> , 2007.
141. Rajakrom, A., Chandarasupsang, T., Chakpitak, N., Underground Power Line Risk Assessment Using Heuristic Approach: Proceedings of SKIMA2006, Chiang Mai, Thailand, 2006
142. Electric Power Research Institute, T&D System Design and Construction for Enhanced Reliability and Power Quality: EPRI, Palo, Alto, CA, 2006.
143. Dahal, K., Hussain, Z., Hossain, M.A., Loan Risk Analyzer Based Fuzzy Logic: Proceedings of the 2005 IEEE International Conference on e-Technology, e-Commerce and e-Service, 2005.
144. Jang, R., Gulley, N., Fuzzy Logic Toolbox User's Guide: The Mathworks, Inc., January 1995.
145. Emami, M.R., Turksen, I. B., Goldenberg, A.A., Development of a systematic methodology of fuzzy logic modeling: IEEE Transactions on Fuzzy Systems, 6(3): 346-361, 1998.
146. Lee, C.C., Fuzzy logic in control systems: Fuzzy logic controller-Part I: IEEE Transactions on Systems, Man, and Cybernetics, 20(2): 404-418, 1990.

147. Lee, C.C. Fuzzy logic in control systems: Fuzzy logic controller-Part II: IEEE Transactions on Systems, Man, and Cybernetics, 20(2): 419-435, 1990.
148. Kivikko K., Mäkinen A., Verho P., Järventausta P., Lassila J., Viljainen S. Honkapuro S. and Partanen J. Outage Cost Modeling For Reliability Based Network Planning And Regulation Of Distribution Companies: The 8th International Conference on Developments in Power System Protection, Amsterdam 2004.
149. Kaur, N., and Bhatti, T., Estimating Cost of Unreliable for Commercial Customers: Proceeding of the Conference on Planning and Operation of Reliable Distribution Systems, India, 2004.
150. LaCommare, K.H., Eto, J.H., Cost of Power Interruptions to Electricity Consumers in the United States: Lawrence Berkeley National Laboratory, February 2006.
151. P. Wathirunwong, Industrial Outage Cost with Energy Not Supplied: Kasetsart University, 2007.
152. Electric Power Research Institute, Estimating the Cost of Power Quality: IEEE Spectrum, 30 (6), 40, 1993.
153. Energy Research Institute, Electricity Outage Cost Study, Available <http://www.eppo.go.th/power/ERI-study-E/ERI-ExeSummary-E.html>, 2001.
154. Cakmak, M.A., Yuksel, S.M., Gokpinar, E.S., A smooth transition from work breakdown structure to program plan: a minimum cost and risk model for Turkish Space Program: Proceedings of 2nd International Conference on Recent Advances in Space Technologies. Ankara, Turkey, 2005.
155. Department of Defense, Work Breakdown Structure Handbook, January 1998
156. NASA, Work Breakdown Structure Reference Guide, 2004
157. Tokyo Bureau of Waterworks, Evaluation Technique of Pipe Replacement Adopting the Concept of Remaining Value, Available: <http://www.waterprofessionals.metro.tokyo.jp>, 2007.
158. Osztermayer, J., Feser, K., Tenbohlen, S., Real-time Condition Assessment of Power System Assets as a Vital Information Backbone for a Comprehensive Online Asset-Management System: Proceedings of the 14th International Symposium on High Voltage Engineering, Tsinghua University, Beijing, China, 2005.
159. Decision Analysis Society, Available : <http://faculty.fuqua.duke.edu/daweb/lexicon.htm>, 2006.
160. Harris, R., Introduction to Decision Making, Available: <http://www.virtuallsalt.com/crebook5.htm>, 2006.
161. Wikipedia: The Free Encyclopedia, Decision Making, Available: http://en.wikipedia.org/wiki/Decision_making, 2007.
162. Sagoff, M., Aggregation and Deliberation in Valuing Environmental Public Goods: A Look Beyond Contingent Pricing: Ecological Economics, 24, 213-230, 1998.
163. Fulop, J., Introduction to Decision Making Methods, Available: <http://www.evergreen.edu/bdei/documents/decisionmakingmethods.pdf>, 2009.
164. Belton, V., Stewart, T.J., Multiple Criteria Decision Analysis – An Integrated Approach. Boston/Dordrecht/London: Kluwer Academic Publishers, 2002.

165. Greening, L.A., Bernow, S. Design of coordinated energy and environmental policies: use of multi-criteria decision-making. Energy Policy 32: 721-735, 2004.
166. Saaty, T.L., The Analytical Hierarchy Process: McGraw Hill, New York, 1980.
167. Forman, E.H., Selly, M.A., Decision by Objectives: World Scientific Publishing Company, 2002.
168. Teknomo, K., Analytic Hierarchy Process (AHP) Tutorial, Available <http://people.revoledu.com/kardi/tutorial/ahp/>, 2006.
169. Ishizaka, A., Lusti, M., An Expert Module to Improve the Consistency of AHP Matrices. International Transactions in Operational Research, Vol. 11, No. 1, 97-105, 2004.
170. Vaidya, O.S., Kumar, S., Analytic Hierarchy Process: An Overview of Applications: European Journal of Operational Research, Vol. 158, pp. 1-29, 2006,
171. IEEE Distribution System Analysis Subcommittee, Radial Test Feeders , Available <http://ewh.ieee.org/soc/pes/dsacom/testfeeders.html>, 2006.
172. Energy Policy and Planning Office. Service Quality Standard for Distribution Utility, Available <http://www.eppo.go.th/power/pw-QS-standardservice.html>, 2009.
173. The Metropolitan Electricity Authority (MEA), 2009.
174. Electric Power Research Institute, A Review of the Reliability of Electric Distribution System Components: EPRI White Paper, EPRI, Palo Alto, CA, 2001.