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STATISTICAL MECHANICS



# Fuzzy Logic And Neural Network Handbook Computer Engineering Series

**L Towne**



## **Fuzzy Logic And Neural Network Handbook Computer Engineering Series:**

**Fuzzy Logic and Neural Network Handbook** Chi-hau Chen,1996 Fuzzy Logic and Neural Network Handbook Chi-hau Chen,1996 A practical reference that presents concise and comprehensive reports on the major activities in fuzzy logic and neural networks with emphasis on the applications and systems of interest to computer engineers Each of the 31 chapters focuses on the most important activity of a specific topic and the chapters are organized into three parts principles and algorithms applications and architectures and systems The applications for fuzzy logic include home appliance design and manufacturing process those for neural networks include radar sonar and speech signal processing remote sensing and electrical power systems Annotation copyright by Book News Inc Portland OR Intelligent Biometric Techniques in Fingerprint and Face Recognition L.C. Jain,U. Halici,I. Hayashi,S.B. Lee,Shigeyoshi Tsutsui,2022-01-26 The tremendous world wide interest in intelligent biometric techniques in fingerprint and face recognition is fueled by the myriad of potential applications including banking and security systems and limited only by the imaginations of scientists and engineers This growing interest poses new challenges to the fields of expert systems neural networks fuzzy systems and evolutionary computing which offer the advantages of learning abilities and human like behavior Authored by a panel of international experts this book presents a thorough treatment of established and emerging applications and techniques relevant to this field **Parallel and Distributed Computing Handbook** Albert Y. Zomaya,1996 With over 1 000 pages and a wealth of illustrations and data tables this handbook offers readers the first information source with the scope to encompass the parallel and distributed computing revolution Written by an international team of experts the book summarizes the current state of the art interprets the most promising trends and spotlights commercial applications Annual Meeting of the North American Fuzzy Information Processing Society--NAFIPS. North American Fuzzy Information Processing Society. Annual Meeting,2004 Handbook of Food and Bioprocess Modeling Techniques Shyam S. Sablani,Ashim K. Datta,M. Shafiur Rahman,Arun S. Mujumdar,2006-12-19 With the advancement of computers the use of modeling to reduce time and expense and improve process optimization predictive capability process automation and control possibilities is now an integral part of food science and engineering New technology and ease of use expands the range of techniques that scientists and researchers have at the Subject Guide to Books in Print ,2001 **The ... IEEE International Conference on Fuzzy Systems Proceedings** ,1998 *Handbook of Dynamic System Modeling* Paul A. Fishwick,2007-06-01 The topic of dynamic models tends to be splintered across various disciplines making it difficult to uniformly study the subject Moreover the models have a variety of representations from traditional mathematical notations to diagrammatic and immersive depictions Collecting all of these expressions of dynamic models the Handbook of Dynamic Sy VHDL Techniques, Experiments, and Caveats Joseph Pick,1996 VHDL VHSIC Hardware Description Language is the market leading digital circuit simulation software system Now a VHDL expert offers readers the benefits of his in depth experience as a VHDL modeler and seminar

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