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	Soggetti	Computational intelligence Neural networks (Computer science) Computational Intelligence Mathematical Models of Cognitive Processes and Neural Networks
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	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	Fractional order generalized EOQ model with demand-dependent unit purchasing cost under space constraints -- Prediction of maximum oil-yield from almond seed in a chemical industry: A novel type-2 fuzzy logic approach -- Interval type-2 fuzzy logic and its application to profit solid transportation problem in mustard oil industry -- Novel derivations and application of complex LR numbers on fully fuzzy complex linear system -- A heuristic approach for cluster TSP -- Superconvergence of iterated Galerkin method for a class of nonlinear Fredholm integral equations.
	Sommario/riassunto	This book describes the latest advances in intelligent techniques such as fuzzy logic, neural networks, and optimization algorithms, and their relevance in building intelligent information systems in combination with applied mathematics. The authors also outline the applications of these systems in areas like intelligent control and robotics, pattern recognition, medical diagnosis, time series prediction, and optimization of complex problems. By sharing fresh ideas and identifying new targets/problems it offers young researchers and students new directions for their future research. The book is intended for readers from mathematics and computer science, in particular professors and

students working on theory and applications of intelligent systems for real-world applications.