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Collana	Lecture Notes in Artificial Intelligence ; ; 3131
Disciplina	006.3/01/5118
Soggetti	Artificial intelligence Mathematical logic Computers Database management Computer simulation Operations research Decision making Artificial Intelligence Mathematical Logic and Formal Languages Computation by Abstract Devices Database Management Simulation and Modeling Operations Research/Decision Theory
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
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Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Invited Talks -- to RoboCup Research in Japan -- Fuzzy Integrals -- Fuzzy Qualitative Models to Evaluate the Quality on the Web -- Multisets and Fuzzy Multisets as a Framework of Information Systems -- Regular Papers -- Stock Price Forecasting: Statistical, Classical and Fuzzy Neural Network Approach -- Wavelet Time Shift Properties Integration with Support Vector Machines -- A Study on Weighting

Training Patterns for Fuzzy Rule-Based Classification Systems -- A Machine Learning Approach for Modeling Algorithm Performance  
Predictors -- A Novel Network Traffic Analysis Method Based on Fuzzy Association Rules -- Quantum Computing Based Machine Learning Method and Its Application in Radar Emitter Signal Recognition -- Modeling the Distributed Control of the Lower Urinary Tract Using a Multiagent System -- Mining Diagnostic Taxonomy Using Interval-Based Similarity from Clinical Databases -- Combining Multiple Classifiers Using Dempster's Rule of Combination for Text Categorization -- An Empirical Analysis of Assessment Errors for Weights and Andness in LSP Criteria -- Reliability of LSP Criteria -- Unsupervised Aggregation by the Choquet Integral Based on Entropy Functionals: Application to the Evaluation of Students -- Preservation of Distinguished Fuzzy Measure Classes by Distortion -- Decision Modelling Using the Choquet Integral -- Measurements of Consensus in Multi-granular Linguistic Group Decision-Making -- On Detecting Interactions in Hayashi's Second Method of Quantification -- A Generalization of Symbolic Data Analysis Allowing the Processing of Fuzzy Granules -- A Learning Procedure to Estimate Missing Values in Fuzzy Preference Relations Based on Additive Consistency -- Decision Making in a Dynamic System Based on Aggregated Fuzzy Preferences -- Object Positioning Based on Partial Preferences -- A Comparative Study of Clustering Methods for Long Time-Series Medical Databases -- Fuzzy Multiset Model and Methods of Nonlinear Document Clustering for Information Retrieval -- A Feature Weighting Approach to Building Classification Models by Interactive Clustering -- A Framework for Representation and Manipulation of Vague Knowledge -- Comparing Transitive Closure with a New T-transitivization Method -- On the Interpretation of Some Fuzzy Integrals.

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