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Altri autori (Persone)	TorraVicenc
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Invited Talks -- Asymmetric and Compound Preference Aggregators -- Computational Models of Language Toward Brain-Style Computing -- Dominance-Based Rough Set Approach to Case-Based Reasoning -- Towards the Next Generation of Computational Trust and Reputation Models -- Regular Papers -- Preference Modeling by Rectangular Bilattices -- Strategies to Manage Ignorance Situations in Multiperson Decision Making Problems -- An Agent Negotiation Engine for Collaborative Decision Making -- Learning Causal Bayesian Networks

from Observations and Experiments: A Decision Theoretic Approach -- The Pairwise Comparison Model: The Multiplicative and the Additive Approach -- Simultaneous Decision Networks with Multiple Objectives as Support for Strategic Planning -- Evaluating Model Construction Methods with Objective Rule Evaluation Indices to Support Human Experts -- A Multicriteria Fuzzy Decision System to Sort Contaminated Soils -- A Comparing Method of Two Team Behaviours in the Simulation Coach Competition -- On the Use of Tools Based on Fuzzy Set Theories in Parametric Software Cost Estimation -- Using Fuzzy Set Theory to Assess Country-of-Origin Effects on the Formation of Product Attitude -- Non-monotonic Fuzzy Measures and Intuitionistic Fuzzy Sets -- A Defuzzification Method of Fuzzy Numbers Induced from Weighted Aggregation Operations -- Dependent OWA Operators -- Decision Aggregation in an Agent-Based Financial Investment Planning System -- Generated Universal Fuzzy Measures -- Aggregation of Valued Relations Applied to Association Rule Interestingness Measures -- On the Relationship Between the Quantifier Threshold and OWA Operators -- Integrated Fuzzy Approach for System Modeling and Risk Assessment -- Watermarking Non-numerical Databases -- New Approach to the Re-identification Problem Using Neural Networks -- Bayesian Correction for SNP Ascertainment Bias -- An Application of Support Vector Machine to Companies' Financial Distress Prediction -- Probabilistic Verification of Uncertain Systems Using Bounded-Parameter Markov Decision Processes -- Modality Argumentation Programming -- Feature Selection in SVM Based on the Hybrid of Enhanced Genetic Algorithm and Mutual Information -- Improving Fuzzy Rule-Based Decision Models by Means of a Genetic 2-Tuples Based Tuning and the Rule Selection -- Path Bitmap Indexing for Retrieval of XML Documents -- A Modified Fuzzy C-Means Algorithm for Differentiation in MRI of Ophthalmology -- On Fuzzy c-Means for Data with Tolerance -- On the Use of Variable-Size Fuzzy Clustering for Classification.

Sommario/riassunto

This book constitutes the refereed proceedings of the Third International Conference on Modeling Decisions for Artificial Intelligence, MDAI 2006, held in Tarragona, Spain, in April 2006. The 31 revised full papers presented together with 4 invited lectures were thoroughly reviewed and selected from 97 submissions. The papers are devoted to theory and tools for modeling decisions, as well as applications that encompass decision making processes and information fusion techniques.