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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Invited Papers -- Relationships between Qualitative and Quantitative Scales for Aggregation Operations: The Example of Sugeno Integrals -- User Privacy in Web Search -- A Bibliometric Index Based on Collaboration Distances -- Regular Papers -- Measuring the Influence of the kth Largest Variable on Functions over the Unit Hypercube --

Measuring the Interactions among Variables of Functions over the Unit Hypercube -- Weighted Quasi-arithmetic Means and Conditional Expectations -- Modelling Group Decision Making Problems in Changeable Conditions -- Individual Opinions-Based Judgment Aggregation Procedures -- Aggregation of Bounded Fuzzy Natural Number-Valued Multisets -- Sugeno Utility Functions I: Axiomatizations -- Sugeno Utility Functions II: Factorizations -- Managing Information Fusion with Formal Concept Analysis -- Indefinite Kernel Fuzzy c-Means Clustering Algorithms -- Algorithms in Sequential Fuzzy Regression Models Based on Least Absolute Deviations -- A Generalized Approach to the Suppressed Fuzzy c-Means Algorithm -- Semi-supervised Agglomerative Hierarchical Clustering Using Clusterwise Tolerance Based Pairwise Constraints -- Gallbladder Segmentation in 2-D Ultrasound Images Using Deformable Contour Methods -- Pattern Mining on Stars with FP-Growth -- A Computational Intelligence Based Framework for One-Subsequence-Ahead Forecasting of Nonstationary Time Series -- Non-hierarchical Clustering of Decision Tables toward Rough Set-Based Group Decision Aid -- Revisiting Natural Actor-Critics with Value Function Approximation -- A Cost-Continuity Model for Web Search -- An Enhanced Framework of Subjective Logic for Semantic Document Analysis -- Ontology-Based Anonymization of Categorical Values -- Rational Privacy Disclosure in Social Networks -- Towards Semantic Microaggregation of Categorical Data for Confidential Documents -- Using Classification Methods to Evaluate Attribute Disclosure Risk -- A Misleading Attack against Semi-supervised Learning for Intrusion Detection.

Sommario/riassunto

This book constitutes the proceedings of the 7th International Conference on Modeling Decisions for Artificial Intelligence, MDAI 2010, held in Perpignan, France, in October 2010. The 25 papers presented were carefully reviewed and selected from 43 submissions. The volume also contains extended abstracts of the three invited papers. The topics covered are aggregation operators and decision making; clustering and similarity; computational intelligence; and data privacy.
