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Descrizione fisica	1 online resource (XII, 502 p.)
Collana	Lecture notes in computer science Lecture notes in artificial intelligence
Disciplina	006.3
Soggetti	Computer simulation Artificial intelligence - Mathematical models Decision making - Mathematical models
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"... the 4th International Conference on Modeling Decisions for Artificial Intelligence (MDAI 2007)"--Pref.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Invited Papers -- An Overview of Fuzzy Relational Calculus and Its Applications -- Golden Quadruplet: Optimization - Inequality - Identity - Operator -- Algorithms for String Pattern Discovery -- Voting in the Medieval Papacy and Religious Orders -- Decision Making -- Static and Dynamic Coalition Formation in Group-Choice Decision Making -- A Multicriteria Fuzzy System Using Residuated Implication Operators and Fuzzy Arithmetic -- A Behavioral Analysis in Decision Making Using Weather Information with the Fuzzy Target Based Decision Model -- Group Decision Making: From Consistency to Consensus -- Weighting Individual Opinions in Group Decision Making -- An Active Learning Method Based on Most Possible Misclassification Sampling Using Committee -- Research on Next Generation Grids Using a Fuzzy Assessment Method -- Combining Prioritized Decisions in Classification -- An Aggregation of Agents, Roles and Coalition Formation to Support Collaborative and Dynamic Organizations -- Non Additive Measures and Concept Lattices -- Multidimensional Fuzzy Integrals -- Lindig's Algorithm for Concept Lattices over Graded Attributes -- A Version of Lebesgue Decomposition Theorem for Non-additive Measure -- Trees in Concept Lattices -- An Axiomatization of

Shapley Values of Games on Set Systems -- Clustering and Rough Sets -- Formulation of Fuzzy c-Means Clustering Using Calculus of Variations -- CWC: A Clustering-Based Feature Weighting Approach for Text Classification -- A Novel Spatial Clustering Algorithm with Sampling -- Algorithms for Sequential Extraction of Clusters by Possibilistic Clustering -- Fuzzy c-Means for Data with Tolerance Defined as Hyper-Rectangle -- Kernel Functions Based on Fuzzy Neighborhoods and Agglomerative Clustering -- c-Means Clustering on the Multinomial Manifold -- On a Rough Sets Based Tool for Generating Rules from Data with Categorical and Numerical Values -- Applying Rough Sets to Information Tables Containing Probabilistic Values -- Soft Computing -- Fuzzy Extension of Estimations with Randomness: The Perception-Based Approach -- Boltzmann Machine Incorporated Hybrid Neural Fuzzy System for Hardware/Software Partitioning in Embedded System Design -- Artificial Bee Colony (ABC) Optimization Algorithm for Training Feed-Forward Neural Networks -- A Multi-supplier and Return-Policy Newsboy Model with Limited Budget and Minimum Service Level by Using GA -- Performance Enhancement of RBF Networks in Classification by Removing Outliers in the Training Phase -- An Evolutionary Algorithm with Diversified Crossover Operator for the Heterogeneous Probabilistic TSP -- Applications -- Ordered Data Set Vectorization for Linear Regression on Data Privacy -- A Public-Key Protocol for Social Networks with Private Relationships -- An Incentive-Based System for Information Providers over Peer-to-Peer Mobile Ad-Hoc Networks -- Classification of Normal and Tumor Tissues Using Geometric Representation of Gene Expression Microarray Data -- A Seed-Based Method for Predicting Common Secondary Structures in Unaligned RNA Sequences -- Automatic Segmentation of Neoplastic Hepatic Disease Symptoms in CT Images -- A Robust Localization Method for Mobile Robots Based on Ceiling Landmarks -- Robust Parameter Decision-Making Based on Multidisciplinary Knowledge Model -- Resolution of Singularities and Stochastic Complexity of Complete Bipartite Graph-Type Spin Model in Bayesian Estimation -- A Study of Emotion Recognition and Its Applications -- Error Detection and Correction Based on Chinese Phonemic Alphabet in Chinese Text -- Mining Frequent Diamond Episodes from Event Sequences -- Modeling Decisions for the Time-Dependent Optimal Lane Configuration Policy with Queueing Theory and Mathematical Programming.
