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Collana	Lecture notes in computer science. Lecture notes in artificial intelligence ; ; 4481
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Soggetti	Soft computing Rough sets Data mining Artificial intelligence
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Note generali	"... International Conference on Rough Sets and Knowledge Technology (RSKT 2007)"--Pref.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Invited Papers -- Decision-Theoretic Rough Set Models -- Efficient Attribute Reduction Based on Discernibility Matrix -- Near Sets. Toward Approximation Space-Based Object Recognition -- Rough Set Foundations -- On Covering Rough Sets -- On Transitive Uncertainty Mappings -- A Complete Method to Incomplete Information Systems -- Information Concept Lattice and Its Reductions -- Homomorphisms Between Relation Information Systems -- Dynamic Reduction Based on Rough Sets in Incomplete Decision Systems -- Entropies and Co-entropies for Incomplete Information Systems -- Granular Computing Based on a Generalized Approximation Space -- A General Definition of an Attribute Reduct -- Multiple Criteria Decision Analysis -- Mining Associations for Interface Design -- Optimized Generalized Decision in Dominance-Based Rough Set Approach -- Monotonic Variable Consistency Rough Set Approaches -- Bayesian Decision Theory for

Dominance-Based Rough Set Approach -- Ranking by Rough Approximation of Preferences for Decision Engineering Applications -- Applying a Decision Making Model in the Early Diagnosis of Alzheimer's Disease -- Biometrics -- Singular and Principal Subspace of Signal Information System by BROM Algorithm -- Biometric Verification by Projections in Error Subspaces -- Absolute Contrasts in Face Detection with AdaBoost Cascade -- Voice Activity Detection for Speaker Verification Systems -- Face Detection by Discrete Gabor Jets and Reference Graph of Fiducial Points -- Iris Recognition with Adaptive Coding -- Kansei Engineering -- Overview of Kansei System and Related Problems -- Reduction of Categorical and Numerical Attribute Values for Understandability of Data and Rules -- Semi-structured Decision Rules in Object-Oriented Rough Set Models for Kansei Engineering -- Functional Data Analysis and Its Application -- Evaluation of Pictogram Using Rough Sets -- A Logical Representation of Images by Means of Multi-rough Sets for Kansei Image Retrieval -- Autonomy-Oriented Computing -- A Batch Rival Penalized EM Algorithm for Gaussian Mixture Clustering with Automatic Model Selection -- A Memetic-Clustering-Based Evolution Strategy for Traveling Salesman Problems -- An Efficient Probabilistic Approach to Network Community Mining -- A New Approach to Underdetermined Blind Source Separation Using Sparse Representation -- Soft Computing in Bioinformatics -- Evolutionary Fuzzy Biclustering of Gene Expression Data -- Rough Clustering and Regression Analysis -- Rule Induction for Prediction of MHC II-Binding Peptides -- Efficient Local Protein Structure Prediction -- Roughification of Numeric Decision Tables: The Case Study of Gene Expression Data -- Ubiquitous Computing and Networking -- Ubiquitous Customer Relationship Management (uCRM) -- Towards the Optimal Design of an RFID-Based Positioning System for the Ubiquitous Computing Environment -- Wave Dissemination for Wireless Sensor Networks -- Two Types of a Zone-Based Clustering Method for Wireless Sensor Networks -- Rough Set Algorithms -- Set Approximations in Multi-level Conceptual Data -- Knowledge Reduction in Generalized Consistent Decision Formal Contexts -- Graphical Representation of Information on the Set of Reducts -- Minimal Attribute Space Bias for Attribute Reduction -- Two-Phase ?-Certain Reducts Generation -- Formal Concept Analysis and Set-Valued Information Systems -- Descriptors and Templates in Relational Information Systems -- ROSA: An Algebra for Rough Spatial Objects in Databases -- Knowledge Representation and Reasoning -- Learning Models Based on Formal Concept -- Granulation Based Approximate Ontologies Capture -- Fuzzy-Valued Transitive Inclusion Measure, Similarity Measure and Application to Approximate Reasoning -- Model Composition in Multi-dimensional Data Spaces -- An Incremental Approach for Attribute Reduction in Concept Lattice -- Topological Space for Attributes Set of a Formal Context -- Flow Graphs as a Tool for Mining Prediction Rules of Changes of Components in Temporal Information Systems -- Approximation Space-Based Socio-Technical Conflict Model -- Genetic Algorithms -- Improved Quantum-Inspired Genetic Algorithm Based Time-Frequency Analysis of Radar Emitter Signals -- Parameter Setting of Quantum-Inspired Genetic Algorithm Based on Real Observation -- A Rough Set Penalty Function for Marriage Selection in Multiple-Evaluation Genetic Algorithms -- Multiple Solutions by Means of Genetic Programming: A Collision Avoidance Example -- Rough Set Applications -- An Approach for Selective Ensemble Feature Selection Based on Rough Set Theory -- Using Rough Reducts to Analyze the Independency of Earthquake Precursory Items -- Examination of the Parameter Space of

a Computational Model of Acute Ischaemic Stroke Using Rough Sets --
Using Rough Set Theory to Induce Pavement Maintenance and
Rehabilitation Strategy -- Descent Rules for Championships -- Rough
Neuro Voting System for Data Mining: Application to Stock Price
Prediction -- Counting All Common Subsequences to Order
Alternatives.
