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Nota di contenuto	Invited Talks -- Decision Rules, Bayes' Rule and Rough Sets -- A New Direction in System Analysis: From Computation with Measurements to Computation with Perceptions -- On Text Mining Techniques for Personalization -- A Road to Discovery Science -- Rough Computing: Foundations and Applications -- Calculi of Granules Based on Rough Set Theory: Approximate Distributed Synthesis and Granular Semantics for Computing with Words -- Discovery of Rules about Complications -- Rough Genetic Algorithms -- Classifying Faults in High Voltage Power Systems: A Rough-Fuzzy Neural Computational Approach -- Rough Set Theory and Its Applications -- Toward Spatial Reasoning in the Framework of Rough Mereology -- An Algorithm for Finding Equivalence Relations from Tables with Non-deterministic Information -- On the Extension of Rough Sets under Incomplete Information -- On Rough Relations: An Alternative Formulation -- Formal Rough Concept Analysis -- Noise Reduction in Telecommunication Channels Using Rough Sets and Neural Networks -- Rough Set Analysis of Electrostimulation Test Database for the Prediction of Post-Operative Profits in Cochlear Implanted Patients -- A Rough Set-Based Approach to Text Classification -- Modular Rough Fuzzy MLP: Evolutionary Design -- Approximate Reducts and Association Rules -- Handling Missing Values in Rough Set Analysis of Multi-attribute and Multi-criteria Decision Problems -- The Generic Rough Set Inductive Logic

Programming Model and Motifs in Strings -- Rough Problem Settings for Inductive Logic Programming -- Using Rough Sets with Heuristics for Feature Selection -- The Discretization of Continuous Attributes Based on Compatibility Rough Set and Genetic Algorithm -- Fuzzy Set Theory and Its Applications -- Level Cut Conditioning Approach to the Necessity Measure Specification -- Four c-Regression Methods and Classification Functions -- Context-Free Fuzzy Sets in Data Mining Context -- Applying Fuzzy Hypothesis Testing to Medical Data -- Generating a Macroeconomic Fuzzy Forecasting System Using Evolutionary Search -- Fuzzy Control of Nonlinear Systems Using Nonlinearized Parameterization -- Control of Chaotic Systems Using Fuzzy Model-Based Regulators -- Fuzzy Behavior-Based Control for the Obstacle Avoidance of Multi-link Manipulators -- Fuzzy Future Value and Annual Cash Flow Analyses -- Semi-linear Equation with Fuzzy Parameters -- Non-classical Logic and Approximate Reasoning -- First Order Rough Logic-Revisited -- A Generalized Decision Logic in Interval-Set-Valued Information Tables -- Many-Valued Dynamic Logic for Qualitative Decision Theory -- Incorporating Fuzzy Set Theory and Matrix Logic in Multi-layer Logic -- Fuzzy Logic as Interfacing Media for Constraint Propagation Based on Theories of Chu Space and Information Flow -- Pattern Reasoning: A New Solution for Knowledge Acquisition Problem -- Probabilistic Inference and Bayesian Theorem Based on Logical Implication -- Reasoning with Neural Logic Networks -- The Resolution for Rough Propositional Logic with Lower (L) and Upper (H) Approximate Operators -- Information Granulation and Granular Computing -- Information Granules in Distributed Environment -- Evolving Granules for Classification for Discovering Difference in the Usage of Words -- Interval Evaluation by AHP with Rough Set Concept -- Interval Density Functions in Conflict Analysis -- Incorporating Personal Database Unification by Granular Computing -- Data Mining and Knowledge Discovery -- Knowledge-Driven Discovery of Operational Definitions -- A Closest Fit Approach to Missing Attribute Values in Preterm Birth Data -- Visualizing Discovered Rule Sets with Visual Graphs Based on Compressed Entropy Density -- A Distance-Based Clustering and Selection of Association Rules on Numeric Attributes -- Knowledge Discovery for Protein Tertiary Substructures -- Integrating Classification and Association Rule Mining: A Concept Lattice Framework -- Using Rough Genetic and Kohonen's Neural Network for Conceptual Cluster Discovery in Data Mining -- Towards Automated Optimal Equity Portfolios Discovery in a Knowledge Sharing Financial Data Warehouse -- Rule-Evolver: An Evolutionary Approach for Data Mining -- Machine Learning -- Decision Making with Probabilistic Decision Tables -- The Iterated Version Space Learning -- An Empirical Study on Rule Quality Measures -- Rules as Attributes in Classifier Construction -- An Algorithm to Find the Optimized Network Structure in an Incremental Learning -- Patterns in Numerical Data: Practical Approximations to Kolmogorov Complexity -- Performance Prediction for Classification Systems -- Intelligent Agents and Systems -- Flexible Optimization and Evolution of Underwater Autonomous Agents -- Ontology-Based Multi-agent Model of an Information Security System -- Optimal Multi-scale Time Series Decomposition for Financial Forecasting Using Wavelet Thresholding Techniques -- Computerized Spelling Recognition of Words Expressed in the Sound Approach -- An Adaptive Handwriting Recognition System.