

《Rough Sets, Fuzzy Se》

图书基本信息

书名：《Rough Sets, Fuzzy Sets, Data Mining, and Granular Computing 粗集、模糊集、数据挖掘和粒度计算/会议录 第I部分》

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内容概要

The two volume set LNAI 3641 and LNAI 3642 constitutes the refereed proceedings of the 10th International Conference on Rough Sets, Fuzzy Sets, Data Mining, and Granular Computing, RSFDGrC 2005, held in Regina, Canada in August/September 2005. The 119 revised full papers presented were carefully reviewed and selected from a total of 277 submissions. They comprise the two volumes together with 6 invited papers, 22 approved workshop papers, and 5 special section papers that all were carefully selected and thoroughly revised. The first volume includes 75 contributions related to rough set approximations, rough-algebraic foundations, feature selection and reduction, reasoning in information systems, rough-probabilistic approaches, rough-fuzzy hybridization, fuzzy methods in data analysis, evolutionary computing, machine learning, approximate and uncertain reasoning, probabilistic network models, spatial and temporal reasoning, non-standard logics, and granular computing. The second volume contains 77 contributions and deals with rough set software, data mining, hybrid and hierarchical methods, information retrieval, image recognition and processing, multimedia applications, medical applications, web content analysis, business and industrial applications, the approved workshop papers and the papers accepted for a special session on intelligent and sapient systems.

书籍目录

Invited Papers Rough Sets and Flow Graphs A Modal Characterization of Indiscernibility and Similarity Relations in Pawlak's Information Systems Granular Computing with Shadowed Sets Rough Set Approximations Rough Sets and Higher Order Vagueness Approximation in Formal Concept Analysis Second-Order Rough Approximations in Multi-criteria Classification with Imprecise Evaluations and Assignments New Approach for Basic Rough Set Concepts A Partitional View of Concept Lattice Characterizations of Attributes in Generalized Approximation Representation Spaces Rough-Algebraic Foundations Proximity Spaces of Exact Sets Rough Group, Rough Subgroup and Their Properties Concept Lattices vs. Approximation Spaces Rough Sets over the Boolean Algebras Algebraic Approach to Generalized Rough Sets Logic for Rough Sets with Rough Double Stone Algebraic Semantics Feature Selection and Reduction On Partial Tests and Partial Reducts for Decision Tables The Second Attribute Pairwise Cores in Information Systems Data Preprocessing and Kappa Coefficient Incremental Attribute Reduction Based on Elementary Sets Finding Rough Set Reducts with SAT Feature Selection with Adjustable Criteria Feature Selection Based on Relative Attribute Dependency: An Experimental Study Reasoning in Information Systems On Consistent and Partially Consistent Extensions of Information Systems ...
... Rough-Probabilistic Approaches Rough-Fuzzy Hybridization Fuzzy Methods in Data Analysis Evolutionary Computing Machine Learning Approximate and Uncertain Reasoning Probabilistic Network Models Spatial and Temporal Reasoning Non-standard Logics Granular Computing Author Index

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