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Collana	Lecture Notes in Artificial Intelligence, , 2945-9141 ; ; 5285
Disciplina	003.3
Soggetti	Artificial intelligence Computer programming Compilers (Computer programs) Machine theory Computer science Data mining Artificial Intelligence Programming Techniques Compilers and Interpreters Formal Languages and Automata Theory Theory of Computation Data Mining and Knowledge Discovery
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Livello bibliografico	Monografia
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Invited Papers -- Toward Elucidating Language Functions in the Brain -- Privacy-Preserving Similarity Evaluation and Application to Remote Biometrics Authentication -- Regular Papers -- Suitability Maps Based on the LSP Method -- Aggregated Mean Ratios of an Interval Induced from Aggregation Operations -- WOVA Enhancement of the Preference Modeling in the Reference Point Method -- Uninorms and Non-contradiction -- Choquet Stieltjes Integral, Losonczi's Means and OWA Operators -- The Polytope of Fuzzy Measures and Its Adjacency Graph -- On Consensus Measures in Fuzzy Group Decision Making -- SBM

and Bipolar Models in Data Envelopment Analysis with Interval Data -- A Comparison between Two Approaches to Threat Evaluation in an Air Defense Scenario -- Fuzzy Classification Function of Standard Fuzzy c-Means Algorithm for Data with Tolerance Using Kernel Function -- A Similarity Measure for Sequences of Categorical Data Based on the Ordering of Common Elements -- Analytical and Numerical Evaluation of the Suppressed Fuzzy C-Means Algorithm -- Generalized Agglomerative Clustering with Application to Information Systems -- A Comprehensive Study on Reducts in Dominance-Based Rough Set Approach -- Graph-Based Active Learning Based on Label Propagation -- Golden Complementary Dual in Quadratic Optimization -- A Linear-Time Multivariate Micro-aggregation for Privacy Protection in Uniform Very Large Data Sets -- Improving Microaggregation for Complex Record Anonymization -- A Shared Steganographic File System with Error Correction.

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#### Sommario/riassunto

This book constitutes the refereed proceedings of the 5th International Conference on Modeling Decisions for Artificial Intelligence, MDAI 2008, held in Sabadell, Spain, in October 2008. The 19 revised full papers presented together with 2 invited lectures were thoroughly reviewed and selected from 43 submissions; they are devoted to theory and tools for modeling decisions, as well as applications that encompass decision making processes and information fusion techniques. The papers are organized in topical sections on aggregation operators, decision making, clustering and similarity, computational intelligence and optimization, as well as data privacy.

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