1. Record Nr. UNINA9910484817903321

Titolo	Foundations of Intelligent Systems : 15th International Symposium ISMIS 2005, Saratoga Springs, NY, USA, May 25-28, 2005, Proceedings / / edited by Mohand-Said Hacid, Zbigniew W. Ras, Shusaku Tsumoto
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2005
Edizione	[1st ed. 2005.]
Descrizione fisica	1 online resource (XIV, 706 p.)
Collana	Lecture Notes in Artificial Intelligence, , 2945-9141 ; ; 3488
Altri autori (Persone)	HacidMohand-Said <1963->
Disciplina	006.33
Soggetti	Artificial intelligence Information storage and retrieval systems Application software Database management User interfaces (Computer systems) Human-computer interaction Computer science Artificial Intelligence Information Storage and Retrieval Computer and Information Systems Applications Database Management User Interfaces and Human Computer Interaction Theory of Computation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Invited Papers -- Methodologies for Automated Telephone Answering -- Anomaly Detection in Computer Security and an Application to File System Accesses -- Regular Papers -- A Machine Text-Inspired Machine Learning Approach for Identification of Transmembrane Helix Boundaries -- Visualization of Similarities and Dissimilarities in Rules Using Multidimensional Scaling -- Learning Profiles Based on Hierarchical Hidden Markov Model -- Statistical Independence from the Viewpoint of Linear Algebra -- Bitmap Index-Based Decision Trees --

On Automatic Modeling and Use of Domain-Specific Ontologies -- Using Self-Adaptable Probes for Dynamic Parameter Control of Parallel Evolutionary Algorithms -- Robust Inference of Bayesian Networks Using Speciated Evolution and Ensemble -- Mining the Semantic Web: A Logic-Based Methodology -- Analysis of Textual Data with Multiple Classes -- SARM — Succinct Association Rule Mining: An Approach to Enhance Association Mining -- Learning the Daily Model of Network Traffic -- ARGUS: Rete + DBMS = Efficient Persistent Profile Matching on Large-Volume Data Streams -- Failing Queries in Distributed Autonomous Information System -- Evaluation of Two Systems on Multi-class Multi-label Document Classification -- Uncertain Knowledge Gathering: An Evolutionary Approach -- Duality in Knowledge Compilation Techniques -- Data Protection in Distributed Database Systems -- A Softened Formulation of Inductive Learning and Its Use for Coronary Disease Data -- Subsystem Based Generalizations of Rough Set Approximations -- Model-Based Cluster Analysis for Web Users Sessions -- On Autonomous k-Means Clustering -- CSI: Clustered Segment Indexing for Efficient Approximate Searching on the Secondary Structure of Protein Sequences -- Using Supervised Clustering to Enhance Classifiers.-Modelling Good Entry Pages on the Web -- A Query Expression and Processing Technique for an XML Search Engine -- Adapting the Object Role Modelling Method for Ontology Modelling -- Identifying Content Blocks from Web Documents -- Building the Data Warehouse of Frequent Itemsets in the DWFIST Approach -- Normal Forms for Knowledge Compilation -- On the Approximate Division of Fuzzy Relations -- Efficient Learning of Pseudo-Boolean Functions from Limited Training Data -- Discovering Partial Periodic Sequential Association Rules with Time Lag in Multiple Sequences for Prediction -- Mining and Filtering Multi-level Spatial Association Rules with ARES -- Association Reducts: A Framework for Mining Multi-attribute Dependencies -- Frequent Pattern Mining with Preferences–Utility Functions Approach -- Semantic-Based Access to Digital Document Databases -- Statistical Database Modeling for Privacy Preserving Database Generation -- Scalable Inductive Learning on Partitioned Data -- Agent-Based Home Simulation and Control -- Aggregates and Preferences in Logic Programming -- The Chisholm Paradox and the Situation Calculus -- A Logic Approach for LTL System Modification -- Anticipatory Agents Based on Anticipatory Reasoning -- Extracting Emotions from Music Data -- An Intelligent System for Assisting Elderly People -- Multi-strategy Instance Selection in Mining Chronic Hepatitis Data -- A Probabilistic Approach to Finding Geometric Objects in Spatial Datasets of the Milky Way -- Towards Ad-Hoc Rule Semantics for Gene Expression Data -- Flexible Pattern Discovery with (Extended) Disjunctive Logic Programming -- Interactive SOM-Based Gene Grouping: An Approach to Gene Expression Data Analysis -- Some Theoretical Properties of Mutual Information for Student Assessments in Intelligent Tutoring Systems.-Cooperative Query Answering for RDF -- Intelligent Information Retrieval for Web-Based Design Data Repository -- Incremental Collaborative Filtering for Highly-Scalable Recommendation Algorithms -- A Distance-Based Algorithm for Clustering Database User Sessions -- User-Interest-Based Document Filtering via Semi-supervised Clustering -- A Filter Feature Selection Method for Clustering -- Automatic Determination of the Number of Fuzzy Clusters Using Simulated Annealing with Variable Representation -- Experimental Analysis of the Q-Matrix Method in Knowledge Discovery -- Clustering Time-Series Medical Databases Based on the Improved Multiscale Matching -- Efficient Causal Interaction Learning with Applications in Microarray -- A Dynamic

Adaptive Sampling Algorithm (DASA) for Real World Applications: Finger Print Recognition and Face Recognition -- Catching the Picospams -- Personalized Peer Filtering for a Dynamic Information Push -- Getting Computers to See Information Graphics So Users Do Not Have to -- A Data Model Based on Paraconsistent Intuitionistic Fuzzy Relations -- Logical Data Independence Reconsidered (Extended Abstract) -- Estimation of the Density of Datasets with Decision Diagrams.