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Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 1642
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Learning -- From Theoretical Learnability to Statistical Measures of the Learnable -- ALM: A Methodology for Designing Accurate Linguistic Models for Intelligent Data Analysis -- A "Top-Down and Prune" Induction Scheme for Constrained Decision Committees -- Mining Clusters with Association Rules -- Evolutionary Computation to Search for Strongly Correlated Variables in High-Dimensional Time-Series -- The Biases of Decision Tree Pruning Strategies -- Feature Selection as Retrospective Pruning in Hierarchical Clustering -- Discriminative Power of Input Features in a Fuzzy Model -- Learning Elements of Representations for Redescribing Robot Experiences -- "Seeing" Objects in Spatial Datasets -- Intelligent Monitoring Method Using Time Varying Binomial Distribution Models for Pseudo-Periodic Communication Traffic -- Visualization -- Monitoring Human Information Processing via Intelligent Data Analysis of EEG Recordings -- Knowledge-Based Visualization to Support Spatial Data Mining -- Probabilistic Topic Maps: Navigating through Large Text Collections -- 3D Grand Tour for Multidimensional Data and Clusters -- Classification and Clustering -- A Decision Tree Algorithm for Ordinal Classification -- Discovering Dynamics Using Bayesian Clustering -- Integrating Declarative Knowledge in Hierarchical Clustering Tasks -- Nonparametric Linear Discriminant Analysis by Recursive Optimization with Random Initialization -- Supervised Classification Problems: How

to Be Both Judge and Jury -- Temporal Pattern Generation Using Hidden Markov Model Based Unsupervised Classification -- Exploiting Similarity for Supporting Data Analysis and Problem Solving -- Multiple Prototype Model for Fuzzy Clustering -- A Comparison of Genetic Programming Variants for Data Classification -- Fuzzy Clustering Based on Modified Distance Measures -- Building Classes in Object-Based Languages by Automatic Clustering -- Integration -- Adjusted Estimation for the Combination of Classifiers -- Data-Driven Theory Refinement Using KBDistAI -- Reasoning about Input-Output Modeling of Dynamical Systems -- Undoing Statistical Advice -- A Method for Temporal Knowledge Conversion -- Applications -- Intrusion Detection through Behavioral Data -- Bayesian Neural Network Learning for Prediction in the Australian Dairy Industry -- Exploiting Sample-Data Distributions to Reduce the Cost of Nearest-Neighbor Searches with Kd-Trees -- Pump Failure Detection Using Support Vector Data Descriptions -- Data Mining for the Detection of Turning Points in Financial Time Series -- Computer-Assisted Classification of Legal Abstracts -- Sequential Control Logic Inferring Method from Observed Plant I/O Data -- Evaluating an Eye Screening Test -- Application of Rough Sets Algorithms to Prediction of Aircraft Component Failure -- Media Mining -- Exploiting Structural Information for Text Classification on the WWW -- Multi-agent Web Information Retrieval: Neural Network Based Approach -- Adaptive Information Filtering Algorithms -- A Conceptual Graph Approach for Video Data Representation and Retrieval.
