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Collana	Lecture Notes in Artificial Intelligence ; ; 3327
Disciplina	006.3
Soggetti	Artificial intelligence Database management Application software Information technology Business—Data processing Artificial Intelligence Database Management Information Systems Applications (incl. Internet) Computer Appl. in Administrative Data Processing IT in Business
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	Keynote Lectures -- Visualization-Based Data Mining Tool and Its Web Application -- Knowledge Management, Habitual Domains, and Innovation Dynamics -- Knowledge-Information Circulation Through the Enterprise: Forward to the Roots of Knowledge Management -- Data Mining Methodology -- A Hybrid Nonlinear Classifier Based on Generalized Choquet Integrals -- Fuzzy Classification Using Self-Organizing Map and Learning Vector Quantization -- Solving Discriminant Models Using Interior Point Algorithm -- A Method for Solving Optimization Problem in Continuous Space Using Improved Ant Colony Algorithm -- Practical Issues of Data Mining -- Data Set Balancing -- Computation of Least Square Estimates Without Matrix

Manipulation -- Ensuring Serializability for Mobile Data Mining on  
 Multimedia Objects -- Data Mining for Bioinformatics -- "Copasetic  
 Clustering": Making Sense of Large-Scale Images -- Ranking Gene  
 Regulatory Network Models with Microarray Data and Bayesian Network  
 -- On Efficiency of Experimental Designs for Single Factor cDNA  
 Microarray Experiments -- Data Mining Applications -- Data Mining  
 Approach in Scientific Research Organizations Evaluation Via Clustering  
 -- Heuristics to Scenario-Based Capacity Expansion Problem of PWB  
 Assembly Systems -- A Multiple-Criteria Quadratic Programming  
 Approach to Network Intrusion Detection -- classifications of Credit  
 Cardholder Behavior by Using Multiple Criteria Non-linear Programming  
 -- Multiple Criteria Linear Programming Data Mining Approach: An  
 Application for Bankruptcy Prediction -- Knowledge Management for  
 Enterprise -- Coordination and Cooperation in Manufacturer-Retailer  
 Supply Chains -- Development of Enterprises' Capability Based on  
 Cooperative Knowledge Network -- Information Mechanism, Knowledge  
 Management and Arrangement of Corporate Stratagem -- An  
 Integrating Model of Experts' Opinions -- Risk Management --  
 Cartographic Representation of the Uncertainty Related to Natural  
 Disaster Risk: Overview and State of the Art -- A Multi-objective  
 Decision-Making Method for Commercial Banks Loan Portfolio -- A  
 Multi-factors Evaluation Method on Credit Evaluation of Commerce  
 Banks -- Integration of Data Mining and Knowledge Management -- A  
 Novel Hybrid AI System Framework for Crude Oil Price Forecasting -- A  
 Neural Network and Web-Based Decision Support System for Forex  
 Forecasting and Trading -- XML-Based Schemes for Business Project  
 Portfolio Selection.

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#### Sommario/riassunto

criteria linear and nonlinear programming has proven to be a very  
 useful approach. • Knowledge management for enterprise: These  
 papers address various issues related to the application of knowledge  
 management in corporations using various techniques. A particular  
 emphasis here is on coordination and cooperation. • Risk management:  
 Better knowledge management also requires more advanced techniques  
 for risk management, to identify, control, and minimize the impact of  
 uncertain events, as shown in these papers, using fuzzy set theory and  
 other approaches for better risk management. • Integration of data  
 mining and knowledge management: As indicated earlier, the  
 integration of these two research fields is still in the early stage.  
 Nevertheless, as shown in the papers selected in this volume,  
 researchers have endeavored to integrate data mining methods such as  
 neural networks with various aspects related to knowledge  
 management, such as decision support systems and expert systems,  
 for better knowledge management. September 2004 Yong Shi Weixuan  
 Xu Zhengxin Chen CASDMKM 2004 Organization Hosted by Institute of  
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