1. Record Nr. UNISA996465695603316

Titolo	Trends in Applied Intelligent Systems [[electronic resource]] : 23rd International Conference on Industrial Engineering and Other Applications of Applied Intelligent Systems, IEA/AIE 2010, Cordoba, Spain, June 1-4, 2010, Proceedings, Part II / / edited by Nicolás García-Pedrajas, Francisco Herrera, Colin Fyfe, José Manuel Benítez Sánchez, Moonis Ali
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2010
ISBN	1-280-38650-9 9786613564429 3-642-13025-9
Edizione	[1st ed. 2010.]
Descrizione fisica	1 online resource (XIX, 680 p. 205 illus.)
Collana	Lecture Notes in Artificial Intelligence ; ; 6097
Disciplina	006.3
Soggetti	Artificial intelligence Computer programming Application software Computers Information storage and retrieval Database management Artificial Intelligence Programming Techniques Information Systems Applications (incl. Internet) Computation by Abstract Devices Information Storage and Retrieval Database Management
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	Engineering Knowledge and Semantic Systems -- Improving Effectiveness of Query Expansion Using Information Theoretic Approach -- Defining Coupling Metrics among Classes in an OWL Ontology -- Enterprise 2.0 and Semantic Technologies for Open Innovation Support

-- Algorithmic Decision of Syllogisms -- Matching Multilingual Tags Based on Community of Lingual Practice from Multiple Folksonomy: A Preliminary Result -- Ensemble Learning: Methods and Applications -- Multiclass Mineral Recognition Using Similarity Features and Ensembles of Pair-Wise Classifiers -- Ensembles of Probability Estimation Trees for Customer Churn Prediction -- Evolving Ensembles of Feature Subsets towards Optimal Feature Selection for Unsupervised and Semi-supervised Clustering -- Building a New Classifier in an Ensemble Using Streaming Unlabeled Data -- Random Projections for SVM Ensembles -- Rotation Forest on Microarray Domain: PCA versus ICA -- An Empirical Study of Multilayer Perceptron Ensembles for Regression Tasks -- Ensemble Methods and Model Based Diagnosis Using Possible Conflicts and System Decomposition -- Evolutionary Computation and Applications -- Entropy-Based Evaluation Relaxation Strategy for Bayesian Optimization Algorithm -- A New Artificial Immune System for Solving the Maximum Satisfiability Problem -- Power-Aware Multi-objective Evolutionary Optimization for Application Mapping on NoC Platforms -- A Discrete Differential Evolution Algorithm for Solving the Weighted Ring Arc Loading Problem -- A Parallel Genetic Algorithm on a Multi-Processor System-on-Chip -- The Influence of Using Design Patterns on the Process of Implementing Genetic Algorithms -- Fuzzy Systems and Applications -- Obtaining Significant Relations in L-Fuzzy Contexts -- Knowledge Extraction Based on Fuzzy Unsupervised Decision Tree: Application to an Emergency Call Center -- Optimization of Embedded Fuzzy Rule-Based Systems in Wireless Sensor Network Nodes -- An Algorithm for Online Self-organization of Fuzzy Controllers -- A Mechanism of Output Constraint Handling for Analytical Fuzzy Controllers -- Analysis of the Performance of a Semantic Interpretability-Based Tuning and Rule Selection of Fuzzy Rule-Based Systems by Means of a Multi-Objective Evolutionary Algorithm -- Testing for Heteroskedasticity of the Residuals in Fuzzy Rule-Based Models -- Heuristic Methods and Swarm Intelligence for Optimization -- Heuristic Methods Applied to the Optimization School Bus Transportation Routes: A Real Case -- Particle Swarm Optimization in Exploratory Data Analysis -- Using the Bees Algorithm to Assign Terminals to Concentrators -- Multicriteria Assignment Problem (Selection of Access Points) -- Composite Laminates Buckling Optimization through Lévy Based Ant Colony Optimization -- Teaching Assignment Problem Solver -- Swarm Control Designs Applied to a Micro-Electro-Mechanical Gyroscope System (MEMS) -- Industrial Applications of Data Mining: New Paradigms for New Challenges -- A Representation to Apply Usual Data Mining Techniques to Chemical Reactions -- Incident Mining Using Structural Prototypes -- Viability of an Alarm Predictor for Coffee Rust Disease Using Interval Regression -- Prediction of Web Goodput Using Nonlinear Autoregressive Models -- Domain Driven Data Mining for Unavailability Estimation of Electrical Power Grids -- Intelligent Agent-Based Systems -- Social Order in Hippocratic Multi-Agent Systems -- Building an Electronic Market System -- Information Theory Based Intelligent Agents -- A Possibilistic Approach to Goal Generation in Cognitive Agents -- Modelling Greed of Agents in Economical Context -- Modeling and Verifying Agent-Based Communities of Web Services -- Interactive and Cognitive Environments -- An Ambient Intelligent Agent Model Based on Behavioural Monitoring and Cognitive Analysis -- The Combination of a Causal and Emotional Learning Mechanism for an Improved Cognitive Tutoring Agent -- Driver’s Behavior Assessment by On-board/Off-board Video Context Analysis -- An eHealth System for a Complete Home Assistance -- Tracking System Based on Accelerometry

for Users with Restricted Physical Activity -- Internet Applications -- Web Query Reformulation Using Differential Evolution -- On How Ants Put Advertisements on the Web -- Mining Association Rules from Semantic Web Data -- Hierarchical Topic-Based Communities Construction for Authors in a Literature Database -- Generating an Event Arrangement for Understanding News Articles on the Web -- Architecture for Automated Search and Negotiation in Affiliation among Community Websites and Blogs -- Knowledge Management and Knowledge Based Systems -- Effect of Semantic Differences in WordNet-Based Similarity Measures -- An Ontological Representation of Documents and Queries for Information Retrieval Systems -- Predicting the Development of Juvenile Delinquency by Simulation -- Building and Analyzing Corpus to Investigate Appropriateness of Argumentative Discourse Structure for Facilitating Consensus -- Improving Identification Accuracy by Extending Acceptable Utterances in Spoken Dialogue System Using Barge-in Timing -- A New Approach to Construct Optimal Bow Tie Diagrams for Risk Analysis -- Machine Learning -- Feature Selection and Occupancy Classification Using Seismic Sensors -- Extending Metric Multidimensional Scaling with Bregman Divergences -- Independent Component Analysis Using Bregman Divergences -- Novel Method for Feature-Set Ranking Applied to Physical Activity Recognition -- Time Space Tradeoffs in GA Based Feature Selection for Workload Characterization -- Learning Improved Feature Rankings through Decremental Input Pruning for Support Vector Based Drug Activity Prediction -- Scaling Up Feature Selection by Means of Democratization.