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Titolo	Intelligent Data Engineering and Automated Learning – IDEAL 2008 : 9th International Conference Daejeon, South Korea, November 2-5, 2008, Proceedings // edited by Colin Fyfe, Dongsup Kim, Soo-Young Lee, Hujun Yin
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Collana	Information Systems and Applications, incl. Internet/Web, and HCI, , 2946-1642 ; ; 5326
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Disciplina	004.071
Soggetti	Database management Algorithms Artificial intelligence Application software Data mining Bioinformatics Database Management Artificial Intelligence Computer and Information Systems Applications Data Mining and Knowledge Discovery Computational and Systems Biology
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	Learning and Information Processing -- Proposal of Exploitation-Oriented Learning PS-r# -- Kernel Regression with a Mahalanobis Metric for Short-Term Traffic Flow Forecasting -- Hybrid Weighted Distance Measures and Their Application to Pattern Recognition -- A Multitask Learning Approach to Face Recognition Based on Neural Networks -- Logic Synthesis for FSMs Using Quantum Inspired Evolution -- A New Adaptive Strategy for Pruning and Adding Hidden Neurons during Training Artificial Neural Networks -- Using Kullback-Leibler Distance in Determining the Classes for the Heart Sound Signal

Classification -- A Semi-fragile Watermark Scheme Based on the Logistic Chaos Sequence and Singular Value Decomposition -- Distribution Feeder Load Balancing Using Support Vector Machines -- Extracting Auto-Correlation Feature for License Plate Detection Based on AdaBoost -- Evolutionary Optimization of Union-Based Rule-Antecedent Fuzzy Neural Networks and Its Applications -- Improving AdaBoost Based Face Detection Using Face-Color Preferable Selective Attention -- Top-Down Object Color Biased Attention Using Growing Fuzzy Topology ART -- A Study on Human Gaze Estimation Using Screen Reflection -- A Novel GA-Taguchi-Based Feature Selection Method -- Nonnegative Matrix Factorization (NMF) Based Supervised Feature Selection and Adaptation -- Automatic Order of Data Points in RE Using Neural Networks -- Orthogonal Nonnegative Matrix Factorization: Multiplicative Updates on Stiefel Manifolds -- Feature Discovery by Enhancement and Relaxation of Competitive Units -- Genetic Feature Selection for Optimal Functional Link Artificial Neural Network in Classification -- A Novel Ensemble Approach for Improving Generalization Ability of Neural Networks -- Semi-supervised Learning with Ensemble Learning and Graph Sharpening -- Exploring Topology Preservation of SOMs with a Graph Based Visualization -- A Class of Novel Kernel Functions -- Data Mining and Information Management -- RP-Tree: A Tree Structure to Discover Regular Patterns in Transactional Database -- Extracting Key Entities and Significant Events from Online Daily News -- Performance Evaluation of Intelligent Prediction Models on Smokers' Quitting Behaviour -- Range Facial Recognition with the Aid of Eigenface and Morphological Neural Networks -- Modular Bayesian Network Learning for Mobile Life Understanding -- Skin Pores Detection for Image-Based Skin Analysis -- An Empirical Research on Extracting Relations from Wikipedia Text -- A Data Perturbation Method by Field Rotation and Binning by Averages Strategy for Privacy Preservation -- Mining Weighted Frequent Patterns Using Adaptive Weights -- On the Improvement of the Mapping Trustworthiness and Continuity of a Manifold Learning Model -- Guaranteed Network Traffic Demand Prediction Using FARIMA Models -- A New Incremental Algorithm for Induction of Multivariate Decision Trees for Large Datasets -- The Use of Semi-parametric Methods for Feature Extraction in Mobile Cellular Networks -- Personalized Document Summarization Using Non-negative Semantic Feature and Non-negative Semantic Variable -- Bioinformatics and Neuroinformatics -- Cooperative E-Organizations for Distributed Bioinformatics Experiments -- Personal Knowledge Network Reconfiguration Based on Brain Like Function Using Self Type Matching Strategy -- A Theoretical Derivation of the Kernel Extreme Energy Ratio Method for EEG Feature Extraction -- Control of a Wheelchair by Motor Imagery in Real Time -- Robust Vessel Segmentation Based on Multi-resolution Fuzzy Clustering -- Building a Spanish MMTx by Using Automatic Translation and Biomedical Ontologies -- Compensation for Speed-of-Processing Effects in EEG-Data Analysis -- Statistical Baselines from Random Matrix Theory -- Adaptive Classification by Hybrid EKF with Truncated Filtering: Brain Computer Interfacing -- Agents and Distributed Systems -- Improving the Relational Evaluation of XML Queries by Means of Path Summaries -- Identification of the Inverse Dynamics Model: A Multiple Relevance Vector Machines Approach -- When Is Inconsistency Considered Harmful: Temporal Characterization of Knowledge Base Inconsistency -- Intelligent Engineering and Its Application in Policy Simulation -- Design of Directory Facilitator for Agent-Based Service Discovery in Ubiquitous Computing Environments -- Financial Engineering and Modeling -- Laboratory of Policy Study on Electricity Demand

Forecasting by Intelligent Engineering -- Self-adaptive Mutation Only Genetic Algorithm: An Application on the Optimization of Airport Capacity Utilization -- Cross Checking Rules to Improve Consistency between UML Static Diagram and Dynamic Diagram -- Neural Networks Approach to the Detection of Weekly Seasonality in Stock Trading -- Invited Session -- Bregman Divergences and the Self Organising Map -- Feature Locations in Images -- A Hierarchical Self-organised Classification of 'Multinational' Corporations -- An Adaptive Image Watermarking Scheme Using Non-separable Wavelets and Support Vector Regression -- Cluster Analysis of Land-Cover Images Using Automatically Segmented SOMs with Textural Information -- Application of Topology Preserving Ensembles for Sensory Assessment in the Food Industry -- AI for Modelling the Laser Milling of Copper Components -- Country and Political Risk Analysis of Spanish Multinational Enterprises Using Exploratory Projection Pursuit -- Single-Layer NeuralNet Competes with Multi-layer Neural Net -- Semi-supervised Growing Neural Gas for Face Recognition.

Sommario/riassunto

This book constitutes the refereed proceedings of the 9th International Conference on Intelligent Data Engineering and Automated Learning, IDEAL 2008, held in Daejeon, Korea, in November 2008. The 56 revised full papers presented together with 10 invited papers were carefully reviewed and selected from numerous submissions for inclusion in the book. The papers are organized in topical sections on learning and information processing, data mining and information management, bioinformatics and neuroinformatics, agents and distributed systems, as well as financial engineering and modeling.

2. Record Nr.	UNINA9910895374503321
Titolo	Journal of management research
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Soggetti	Management - Research Periodicals.
Lingua di pubblicazione	Inglese
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Livello bibliografico	Periodico
Note generali	Refereed/Peer-reviewed