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Titolo	Artificial Neural Networks in Pattern Recognition [[electronic resource]] : 4th IAPR TC3 Workshop, ANNPR 2010, Cairo, Egypt, April 11-13, 2010, Proceedings // edited by Friedhelm Schwenker, Neamat El Gayar
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Collana	Lecture Notes in Artificial Intelligence ; ; 5998
Classificazione	DAT 717f DAT 770f SS 4800
Disciplina	006.4
Soggetti	Pattern recognition Artificial intelligence Application software Database management Algorithms Data mining Pattern Recognition Artificial Intelligence Information Systems Applications (incl. Internet) Database Management Algorithm Analysis and Problem Complexity Data Mining and Knowledge Discovery Kairo (2010) Kongress.
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Supervised Learning -- Pattern Classification Using a Penalized Likelihood Method -- Evaluation of Feature Selection by Multiclass Kernel Discriminant Analysis -- Correlation-Based and Causal Feature Selection Analysis for Ensemble Classifiers -- A New Monte Carlo-Based Error Rate Estimator -- Recognition of Sequences of Graphical

Patterns -- Maximum Echo-State-Likelihood Networks for Emotion Recognition -- Robustness Analysis of Eleven Linear Classifiers in Extremely High-Dimensional Feature Spaces -- Unsupervised Learning -- Global Coordination Based on Matrix Neural Gas for Dynamic Texture Synthesis -- SIC-Means: A Semi-fuzzy Approach for Clustering Data Streams Using C-Means -- The Mathematics of Divergence Based Online Learning in Vector Quantization -- Cluster Analysis of Cortical Pyramidal Neurons Using SOM -- Parallelized Kernel Patch Clustering -- Visual Pattern Recognition -- Neural Network Cascade for Facial Feature Localization -- A Hidden Markov Model Based Approach for Facial Expression Recognition in Image Sequences -- Analysis, Interpretation, and Recognition of Facial Action Units and Expressions Using Neuro-Fuzzy Modeling -- Content-Based Retrieval and Classification of Ultrasound Medical Images of Ovarian Cysts -- Applications -- A Novel Word Spotting Algorithm Using Bidirectional Long Short-Term Memory Neural Networks -- Swarm Based Fuzzy Discriminant Analysis for Multifunction Prosthesis Control -- Bayesian Learning of Generalized Gaussian Mixture Models on Biomedical Images -- Defective Areas Identification in Aircraft Components by Bivariate EMD Analysis of Ultrasound Signals -- Different Regions Identification in Composite Strain-Encoded (C-SENC) Images Using Machine Learning Techniques -- Exploiting Neural Networks to Enhance Trend Forecasting for Hotels Reservations -- VLSI Architecture of the Fuzzy Fingerprint Vault System -- Invited Talk -- Clustering Very Large Dissimilarity Data Sets.
