

1. Record Nr.	UNISA996465783003316
Titolo	Neural Nets [[electronic resource]] : 14th Italian Workshop on Neural Nets, WIRN VIETRI 2003, Vietri sul Mare, Italy, June 4-7, 2003, Revised Papers // edited by Bruno Apolloni, Maria Marinaro, Roberto Tagliaferri
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2003
ISBN	3-540-45216-8
Edizione	[1st ed. 2003.]
Descrizione fisica	1 online resource (XI, 376 p.)
Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 2859
Disciplina	006.32
Soggetti	Artificial intelligence Computers Microprocessors Mathematical statistics Pattern recognition Bioinformatics Artificial Intelligence Computation by Abstract Devices Processor Architectures Probability and Statistics in Computer Science Pattern Recognition
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 at the end of each chapters and index.
Nota di contenuto	Eduardo R. Caianiello Lecture -- Nonparametric Hidden Markov Models: Principles and Applications to Speech Recognition -- Models -- Cooperative Games in a Stochastic Environment -- Lattice Models for Context-Driven Regularization in Motion Perception -- On the Dynamics of Scale-Free Boolean Networks -- Architectures and Algorithms -- A Deterministic Learning Approach Based on Discrepancy -- An Hybrid Neural/Genetic Approach to Continuous Multi-objective Optimization Problems -- An Algorithm to Model Paradigm Shifting in Fuzzy Clustering -- ANFIS Synthesis by Hyperplane Clustering for Time Series Prediction -- Generalized Splitting 2D Flexible Activation

Function -- Image and Signal Processing -- Face Localization with Recursive Neural Networks -- Multi-class Image Coding via EM-KLT Algorithm -- A Face Detection System Based on Color and Support Vector Machines -- A Neural Architecture for 3D Segmentation -- Automatic Polyphonic Piano Music Transcription by a Multi-classification Discriminative-Learning -- An Adaptive Learning Algorithm for ECG Noise and Baseline Drift Removal -- Towards an Automatic Lesion Segmentation Method for Dual Echo Magnetic Resonance Images Using an Ensemble of Neural Networks -- A Probabilistic Neural Networks System to Recognize 3D Face of People -- Dereverberation of Acoustic Signals by Independent Component Analysis -- Applications -- Supervised and Unsupervised Analysis Applied to Strombolian E.Q. -- Intracranial Pressure Signal Processing by Adaptive Fuzzy Network -- Soft Computing Techniques for Classification of Bronze Age Axes -- Environmental Risk and Territorial Compatibility: A Soft Computing Approach -- Neural Network Approach for Estimation and Prediction of Time to Disruption in Tokamak Reactors -- A Concurrent Neural Classifier for HTML Documents Retrieval -- Bayesian Modelling for Packet Channels -- Neural Networks for Photometric Redshifts Evaluation -- Special Session on "Bioinformatics and Statistics" Chaired by Francesco Masulli -- Prediction of Signal Peptide in Proteins with Neural Networks -- Proteomic Profiling of Inherited Breast Cancer: Identification of Molecular Targets for Early Detection, Prognosis and Treatment, and Related Bioinformatics Tools -- Browsing Large Pedigrees to Study of the Isolated Populations in the "Parco Nazionale del Cilento e Vallo di Diano" -- Monitoring of Car Driving Awareness from Biosignals -- Markov Analysis of Protein Sequence Similarities -- Divergence Projections for Variable Selection in Multi-layer Perceptron Networks -- Large Scale Prediction of Protein Interactions by a SVM-Based Method -- Gene Selection Using Random Voronoi Ensembles -- QSAR/QSPR Studies by Kernel Machines, Recursive Neural Networks and Their Integration -- An Application of Low Bias Bagged SVMs to the Classification of Heterogeneous Malignant Tissues -- Special Session on "Formats of Knowledge: words, images, narratives" Chaired by Maria Rita Ciceri -- Narrative Thought in Childhood and Adolescence Hierarchical Models of Story Composition and Interpretation -- Degrees of Similarity in Knowledge Transfer -- Formats and Languages of Knowledge: Models of Links for Learning Processes -- Pictures and Words: Analogies and Specificity in Knowledge Organization -- Emotional and Metaemotional Competence: A Developmental View.
