1.	Record Nr.	UNISA996465955103316
	Titolo	Advances in Pattern Recognition [[electronic resource]] : Second Mexican Conference on Pattern Recognition, MCPR 2010, Puebla, Mexico, September 27-29, 2010, Proceedings / / edited by José Francisco Martínez-Trinidad, Jesús Ariel Carrasco-Ochoa, Josef Kittler
	Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2010
	ISBN	1-280-38933-8 9786613567253 3-642-15992-3
	Edizione	[1st ed. 2010.]
	Descrizione fisica	1 online resource (XIV, 384 p. 178 illus.)
	Collana	Image Processing, Computer Vision, Pattern Recognition, and Graphics ; ; 6256
	Disciplina	006.42
	Soggetti	Pattern recognition Artificial intelligence Optical data processing Application software Algorithms Computers Pattern Recognition Artificial Intelligence Image Processing and Computer Vision Information Systems Applications (incl. Internet) Algorithm Analysis and Problem Complexity Computation by Abstract Devices Kongress. Puebla <Stadt, 2010>
	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	Computer Vision and Robotics -- A Hierarchical Recursive Partial Active Basis Model -- Facial Feature Model for Emotion Recognition Using Fuzzy Reasoning -- Face Recognition Using Simplicial Complexes --

Skeleton Simplification by Key Points Identification -- Learning and Fast Object Recognition in Robot Skill Acquisition: A New Method -- Light Source Intensity Adjustment for Enhanced Feature Extraction -- Fringe-Pattern Demodulation Using a Parametric Method Based on Differential Evolution -- ANIMA: Non-conventional Brain-Computer Interfaces in Robot Control through Electroencephalography and Electrooculography, ARP Module -- Efficient Roughness Recognition for Velocity Updating by Wheeled-Robots Navigation -- Image Processing -- Fingerprint Verification with Non-linear Composite Correlation Filters -- Automatic Ultrasound Image Analysis in Hashimoto's Disease -- Estimating Quality Bounds of JPEG 2000 Compressed Leukocytes Images -- Surface Material Segmentation Using Polarisation -- Measurement of Defocus Level in Iris Images Using Different Convolution Kernel Methods -- Radon Transform Algorithm for Fingerprint Core Point Detection -- Genetic Algorithms and Tabu Search for Correcting Lanes in DNA Images -- Adaptive Algorithm-Based Fused Bayesian Maximum Entropy-Variational Analysis Methods for Enhanced Radar Imaging -- Iris Segmentation Using a Statistical Approach -- Neural Networks and Signal Processing -- Adaboost Classifier by Artificial Immune System Model -- Cost-Sensitive Neural Networks and Editing Techniques for Imbalance Problems -- Designing RBFNNs Using Prototype Selection -- A Learning Social Network with Recognition of Learning Styles Using Neural Networks -- On-line Signature Verification Based on Modified Dynamic Time Warping and Wavelet Sub-band Coding -- New Dissimilarity Measures for Ultraviolet Spectra Identification -- Third Degree Volterra Kernel for Newborn Cry Estimation -- Pattern Recognition and Data Mining -- Cascading an Emerging Pattern Based Classifier -- A New Combined Filter-Wrapper Framework for Gene Subset Selection with Specialized Genetic Operators -- Hybrid Feature Selection Method for Supervised Classification Based on Laplacian Score Ranking -- Navigating K-Nearest Neighbor Graphs to Solve Nearest Neighbor Searches -- On the Design of a Hardware-Software Architecture for Acceleration of SVM's Training Phase -- A Highly Parallel Algorithm for Frequent Itemset Mining -- A Hybrid Methodology for Pattern Recognition in Signaling Cervical Cancer Pathways -- Graph Indexing and Retrieval Based on Median Graphs -- A Novel Method for Counting Models on Grid Boolean Formulas -- Natural Language and Document Processing -- Sentence to Document Level Emotion Tagging – A Coarse-Grained Study on Bengali Blogs -- Clustering Weblogs on the Basis of a Topic Detection Method -- A Naïve Bayes Approach to Cross-Lingual Word Sense Disambiguation and Lexical Substitution -- Supervised Learning for Semantic Classification of Spanish Collocations -- Recognizing Textual Entailment with Statistical Methods.