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Titolo	The learning professional
Pubbl/distr/stampa	Oxford, OH : , : Learning Forward, , [2017]-
Disciplina	374.973
Soggetti	Adult education - United States Teachers - Training of - United States Adult education Teachers - Training of Periodicals. United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	"The Learning Forward journal."

2. Record Nr. UNINA9910484392503321

Titolo	Image Analysis and Recognition : 7th International Conference, ICIAR 2010, Póvoa de Varzin, Portugal, June 21-23, 2010, Proceedings, Part I / / edited by Aurélio Campilho, Mohamed Kamel
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2010
ISBN	1-280-38732-7 9786613565242 3-642-13772-5
Edizione	[1st ed. 2010.]
Descrizione fisica	1 online resource (XI, 460 p. 239 illus.)
Collana	Image Processing, Computer Vision, Pattern Recognition, and Graphics, , 3004-9954 ; ; 6111
Altri autori (Persone)	CampilhoA KamelMohamed
Disciplina	621.36
Soggetti	Application software Computer programming Computer engineering Computer networks Computer vision Artificial intelligence Pattern recognition systems

	Computer and Information Systems Applications Programming Techniques Computer Engineering and Networks Computer Vision Artificial Intelligence Automated 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 and index.
Nota di contenuto	Image Morphology, Enhancement and Restoration -- PageRank Image Denoising -- Structural Similarity-Based Approximation of Signals and Images Using Orthogonal Bases -- A Neighborhood Dependent Nonlinear Technique for Color Image Enhancement -- Queue and Priority Queue Based Algorithms for Computing the Quasi-distance Transform -- Denoising of Three Dimensional Data Cube Using Bivariate Wavelet Shrinking -- Entropy of Gabor Filtering for Image Quality Assessment -- Segmentation Based Noise Variance Estimation from Background MRI Data -- Morphological Thick Line Center Detection -- Image Segmentation -- Segmentation of Very High Resolution Remote Sensing Imagery of Urban Areas Using Particle Swarm Optimization Algorithm -- Image Segmentation under Occlusion Using Selective Shape Priors -- Fusion of Edge Information in Markov Random Fields Region Growing Image Segmentation -- Image Segmentation for Robots: Fast Self-adapting Gaussian Mixture Model -- Adaptive Regularization Parameter for Graph Cut Segmentation -- Feature Extraction and Pattern Recognition -- A New SVM + NDA Model for Improved Classification and Recognition -- Incremental Hybrid Approach for Unsupervised Classification: Applications to Visual Landmarks Recognition -- Nonlinear Scale Space Theory in Texture Classification Using Multiple Classifier Systems -- The Proof of Completeness of the Graph Method for Generation of Affine Moment Invariants -- Computer Vision -- A Novel Human Motion Recognition Method Based on Eigenspace -- Human Body Pose Estimation from Still Images and Video Frames -- 3D Human Action Recognition Using Model Segmentation -- Image-Based Grasping Point Detection Using Boosted Histograms of Oriented Gradients -- Efficient Methods for Point Matching with Known Camera Orientation -- Real-Time Scale Invariant 3D Range Point Cloud Registration -- On-Board Monocular Vision System Pose Estimation through a Dense Optical Flow -- Shape, Texture and Motion Analysis -- II-LK – A Real-Time Implementation for Sparse Optical Flow -- High Accuracy Optical Flow Method Based on a Theory for Warping: 3D Extension -- Improving Accuracy of Optical Flow of Heeger’s Original Method on Biomedical Images -- Shape Reconstruction from Unorganized Set of Points -- Significantly Improving Scan-Based Shape Representations Using Rotational Key Feature Points -- An Experimental Comparison of Seven Shape Descriptors in the General Shape Analysis Problem -- Generic Initialization for Motion Capture from 3D Shape -- Topology Preserving 3D Thinning Algorithms Using Four and Eight Subfields -- Coding, Indexing and Retrieval -- Robust Approaches to 3D Object Secret

Sharing -- A Fast PDE Algorithm Using Adaptive Matching Scan Order for Real-Time Video Coding -- New Non Predictive Wavelet Based Video Coder: Performances Analysis -- 3D Texton Spaces for Color-Texture Retrieval -- A Geometric Data Structure Applicable to Image Mining and Retrieval -- SIA: Semantic Image Annotation Using Ontologies and Image Content Analysis -- Face Detection and Recognition -- Using the Fisher-Rao Metric to Compute Facial Similarity -- Adaptation of SIFT Features for Robust Face Recognition -- Facial Expression Recognition Using Spatiotemporal Boosted Discriminatory Classifiers -- Recognition of Facial Expressions by Cortical Multi-scale Line and Edge Coding -- The Analysis of Facial Beauty: An Emerging Area of Research in Pattern Analysis -- System and Analysis Used for a Dynamic Facial Speech Deformation Model -- Face Recognition from Color Images Using Sparse Projection Analysis -- Face Detection in Low-Resolution Color Images.

Sommario/riassunto

ICIAR 2010, the International Conference on Image Analysis and Recognition, held in Povoa do Varzim, Portugal, June 21-23, was seventh in the ICIAR - ries of annual conferences alternating between Europe and North America. The idea oforganizingtheseconferenceswasto fosterthecollaborationandexchange between researchersand scientists in the broad ?elds of image analysis and p- tern recognition, addressing recent advances in theory, methodology and app- cations. During the years the conferences have become a forum with a strong participation from many countries. This year, ICIAR was organized along with AIS 2010,the InternationalConferenceon Autonomousand IntelligentSystems. Both conferences were organized by AIMI--Association for Image and Machine Intelligence. For ICIAR 2010, we received a total of 164 full papers from 37 countries. The review process was carried out by members of the Program Committee and other reviewers;all areexperts invariousimageanalysisandpatternrecognition areas. Each paper was reviewed by at least two reviewers, and checked by the Conference Chairs. A total of 89 papers were ?nally accepted and appear in the two volumes of these proceedings. The high quality of the papers is attributed ?rst to the authors, and second to the quality of the reviews provided by the experts. We would like to sincerely thank the authors for responding to our call, and to thank the reviewers for their careful evaluation and feedback provided to the authors. It is this collective e'ort that resulted in the strong conference program and high-quality proceedings.