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Titolo	Advanced Concepts for Intelligent Vision Systems [[electronic resource]] : 12th International Conference, ACIVS 2010, Sydney, Australia, December 13-16, 2010, Proceedings, Part II // edited by Jacques Blanc-Talon, Don Bone, Wilfried Philips, Dan Popescu, Paul Scheunders
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Collana	Image Processing, Computer Vision, Pattern Recognition, and Graphics ; ; 6475
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Soggetti	Optical data processing Artificial intelligence Pattern recognition Computer graphics Computer communication systems Algorithms Image Processing and Computer Vision Artificial Intelligence Pattern Recognition Computer Graphics Computer Communication Networks Algorithm Analysis and Problem Complexity
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Video Processing -- Video Quality Analysis for Concert Video Mashup Generation -- Speeding Up Structure from Motion on Large Scenes Using Parallelizable Partitions -- Mapping GOPS in an Improved DVC to H.264 Video Transcoder -- Scalable H.264 Wireless Video Transmission

over MIMO-OFDM Channels -- A GPU-Accelerated Real-Time NLMeans Algorithm for Denoising Color Video Sequences -- An Efficient Mode Decision Algorithm for Combined Scalable Video Coding -- A Novel Rate Control Method for H.264/AVC Based on Frame Complexity and Importance -- Digital Image Tamper Detection Based on Multimodal Fusion of Residue Features -- Surveillance and Camera Networks -- Fire Detection in Color Images Using Markov Random Fields -- A Virtual Curtain for the Detection of Humans and Access Control -- A New System for Event Detection from Video Surveillance Sequences -- Evaluation of Human Detection Algorithms in Image Sequences -- Recognizing Objects in Smart Homes Based on Human Interaction -- Football Players Classification in a Multi-camera Environment -- SUNAR Surveillance Network Augmented by Retrieval -- Object Tracking over Multiple Uncalibrated Cameras Using Visual, Spatial and Temporal Similarities -- Machine Vision -- A Template Matching and Ellipse Modeling Approach to Detecting Lane Markers -- An Analysis of the Road Signs Classification Based on the Higher-Order Singular Value Decomposition of the Deformable Pattern Tensors -- An Effective Rigidity Constraint for Improving RANSAC in Homography Estimation -- Exploiting Neighbors for Faster Scanning Window Detection in Images -- Remote Sensing -- Optimisation-Based Image Grid Smoothing for SST Images -- Estimating 3D Polyhedral Building Models by Registering Aerial Images -- Content-Based Retrieval of Aurora Images Based on the Hierarchical Representation -- Improved Grouping and Noise Cancellation for Automatic Lossy Compression of AVIRIS Images -- New Saliency Point Detection and Evaluation Methods for Finding Structural Differences in Remote Sensing Images of Long Time-Span Samples -- Recognition, Classification and Tracking -- Regularized Kernel Locality Preserving Discriminant Analysis for Face Recognition -- An Appearance-Based Prior for Hand Tracking -- Image Recognition through Incremental Discriminative Common Vectors -- Dynamic Facial Expression Recognition Using Boosted Component-Based Spatiotemporal Features and Multi-classifier Fusion -- Gender Classification on Real-Life Faces -- Face Recognition Using Contourlet Transform and Multidirectional Illumination from a Computer Screen -- Shape and Texture Based Plant Leaf Classification -- A New Approach of GPU Accelerated Visual Tracking -- Recognizing Human Actions by Using Spatio-temporal Motion Descriptors.
