1. Record Nr.   UNISA996466168303316

   Titolo   Computer Vision -- ECCV 2006 [[electronic resource]] : 9th European
                           Conference on Computer Vision, Graz, Austria, May 7-13, 2006,
                           Proceedings, Part IV / / edited by Aleš Leonardis, Horst Bischof, Axel
                           Pinz

   Pubbl/distr/stampa   Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer,
                           , 2006

   ISBN   3-540-33839-X

   Edizione   [1st ed. 2006.]

   Descrizione fisica   1 online resource (XVIII, 622 p.)

   Collana   Image Processing, Computer Vision, Pattern Recognition, and Graphics ;
                           ; 3954

   Disciplina   006.6
                           006.37

   Soggetti   Optical data processing
                           Pattern recognition
                           Computer graphics
                           Artificial intelligence
                           Image Processing and Computer Vision
                           Pattern Recognition
                           Computer Graphics
                           Artificial Intelligence

   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   Face Detection and Recognition -- Robust Multi-view Face Detection
                           Using Error Correcting Output Codes -- Inter-modality Face
                           Recognition -- Face Recognition from Video Using the Generic Shape-
                           Illumination Manifold -- Illumination and Reflectance Modelling -- A
                           Theory of Spherical Harmonic Identities for BRDF/Lighting Transfer and
                           Image Consistency -- Covariant Derivatives and Vision -- Retexturing
                           Single Views Using Texture and Shading -- Poster Session IV Tracking
                           and Motion -- Feature Points Tracking: Robustness to Specular
                           Highlights and Lighting Changes -- A General Framework for Motion
                           Segmentation: Independent, Articulated, Rigid, Non-rigid, Degenerate
                           and Non-degenerate -- Robust Visual Tracking for Multiple Targets --

Multivalued Default Logic for Identity Maintenance in Visual Surveillance -- A Multiview Approach to Tracking People in Crowded Scenes Using a Planar Homography Constraint -- Multiview Geometry and 3D Methods -- Uncalibrated Factorization Using a Variable Symmetric Affine Camera -- Dense Photometric Stereo by Expectation Maximization -- Space-Time-Scale Registration of Dynamic Scene Reconstructions -- Self-calibration of a General Radially Symmetric Distortion Model -- A Simple Solution to the Six-Point Two-View Focal-Length Problem -- Iterative Extensions of the Sturm/Triggs Algorithm: Convergence and Nonconvergence -- Low-Level Vision, Image Features -- An Efficient Method for Tensor Voting Using Steerable Filters -- Interpolating Orientation Fields: An Axiomatic Approach -- Alias-Free Interpolation -- An Intensity Similarity Measure in Low-Light Conditions -- Direct Energy Minimization for Super-Resolution on Nonlinear Manifolds -- Wavelet-Based Super-Resolution Reconstruction: Theory and Algorithm -- Face/Gesture/Action Detection and Recognition -- Extending Kernel Fisher Discriminant Analysis with the Weighted Pairwise Chernoff Criterion -- Face Authentication Using Adapted Local Binary Pattern Histograms -- An Integrated Model for Accurate Shape Alignment -- Robust Player Gesture Spotting and Recognition in Low-Resolution Sports Video -- Recognition and Segmentation of 3-D Human Action Using HMM and Multi-class AdaBoost -- Segmenting Highly Articulated Video Objects with Weak-Prior Random Forests -- Segmentation and Grouping -- SpatialBoost: Adding Spatial Reasoning to AdaBoost -- Database-Guided Simultaneous Multi-slice 3D Segmentation for Volumetric Data -- Density Estimation Using Mixtures of Mixtures of Gaussians -- Example Based Non-rigid Shape Detection -- Towards Safer, Faster Prenatal Genetic Tests: Novel Unsupervised, Automatic and Robust Methods of Segmentation of Nuclei and Probes -- Object Recognition, Retrieval and Indexing -- Fast Memory-Efficient Generalized Belief Propagation -- Adapted Vocabularies for Generic Visual Categorization -- Identification of Highly Similar 3D Objects Using Model Saliency -- Sampling Strategies for Bag-of-Features Image Classification -- Maximally Stable Local Description for Scale Selection -- Scene Classification Via pLSA -- Probabilistic Linear Discriminant Analysis -- A New 3-D Model Retrieval System Based on Aspect-Transition Descriptor -- Low-Level Vision, Segmentation and Grouping -- Unsupervised Patch-Based Image Regularization and Representation -- A Fast Approximation of the Bilateral Filter Using a Signal Processing Approach -- Learning to Combine Bottom-Up and Top-Down Segmentation -- Multi-way Clustering Using Super-Symmetric Non-negative Tensor Factorization.