

1. Record Nr.	UNISA996465698003316
Titolo	Pattern Recognition and Image Analysis [[electronic resource]] : Second Iberian Conference, IbPRIA 2005, Estoril, Portugal, June 7-9, 2005, Proceedings, Part 1 / / edited by Jorge S. Marques, Nicolás Pérez de la Blanca, Pedro Pina
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2005
Edizione	[1st ed. 2005.]
Descrizione fisica	1 online resource (XXVI, 703 p.)
Collana	Image Processing, Computer Vision, Pattern Recognition, and Graphics ; ; 3522
Disciplina	006.4
Soggetti	Pattern recognition Optical data processing Artificial intelligence Natural language processing (Computer science) Computer graphics Pattern Recognition Image Processing and Computer Vision Artificial Intelligence Natural Language Processing (NLP) Computer Graphics
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 -- An Invariant and Compact Representation for Unrestricted Pose Estimation -- Gabor Parameter Selection for Local Feature Detection -- Real-Time Tracking Using Multiple Target Models -- Efficient Object-Class Recognition by Boosting Contextual Information -- Illumination Intensity, Object Geometry and Highlights Invariance in Multispectral Imaging -- Local Single-Patch Features for Pose Estimation Using the Log-Polar Transform -- Dealing with Multiple Motions in Optical Flow Estimation -- Conversion into Three-Dimensional Implicit Surface Representation from Topological Active Volumes Based Segmentation -- Automatic Matching and Motion

Estimation from Two Views of a Multiplane Scene -- Contextual Soccer Detection Using Mosaicing Techniques -- Probabilistic Image-Based Tracking: Improving Particle Filtering -- A Framework to Integrate Particle Filters for Robust Tracking in Non-stationary Environments -- Stereo Reconstruction of a Submerged Scene -- A Functional Simplification of the BCS/FCS Image Segmentation -- From Moving Edges to Moving Regions -- Polygon Optimisation for the Modelling of Planar Range Data -- Stereo Vision System with the Grouping Process of Multiple Reaction-Diffusion Models -- Registration of Moving Surfaces by Means of One-Shot Laser Projection -- A Computer Vision Sensor for Panoramic Depth Perception -- Probabilistic Object Tracking Based on Machine Learning and Importance Sampling -- A Calibration Algorithm for POX-Slits Camera -- Vision-Based Interface for Integrated Home Entertainment System -- A Proposal for a Homeostasis Based Adaptive Vision System -- Relaxed Grey-World: Computational Colour Constancy by Surface Matching -- A Real-Time Driver Visual Attention Monitoring System -- An Approach to Vision-Based Person Detection in Robotic Applications -- A New Approach to the Template Update Problem -- Shape and Matching -- Contour-Based Image Registration Using Mutual Information -- Improving Correspondence Matching Using Label Consistency Constraints -- The Euclidean Distance Transform Applied to the FCC and BCC Grids -- Matching Deformable Regions Using Local Histograms of Differential Invariants -- A Global-to-Local Matching Strategy for Registering Retinal Fundus Images -- A Model-Based Method for Face Shape Recovery -- Visual Detection of Hexagonal Headed Bolts Using Method of Frames and Matching Pursuit -- A New Region-Based Active Contour for Object Extraction Using Level Set Method -- Improving ASM Search Using Mixture Models for Grey-Level Profiles -- Human Figure Segmentation Using Independent Component Analysis -- Adaptive Window Growing Technique for Efficient Image Matching -- Managing Resolution in Digital Elevation Models Using Image Processing Techniques -- Object Image Retrieval by Shape Content in Complex Scenes Using Geometric Constraints -- Image and Video Processing -- A Real-Time Gabor Primal Sketch for Visual Attention -- Bayesian Reconstruction of Color Images Acquired with a Single CCD -- A Fast and Exact Algorithm for Total Variation Minimization -- Phase Unwrapping via Graph Cuts -- A New Fuzzy Multi-channel Filter for the Reduction of Impulse Noise -- Enhancement and Cleaning of Handwritten Data by Using Neural Networks -- Zerotree Wavelet Based Image Quilting for Fast Texture Synthesis -- Semantic Feature Extraction Based on Video Abstraction and Temporal Modeling -- Video Retrieval Using an EDL-Based Timeline -- Image and Video Coding -- A New Secret Sharing Scheme for Images Based on Additive 2-Dimensional Cellular Automata -- A Fast Motion Estimation Algorithm Based on Diamond and Triangle Search Patterns -- A Watermarking Scheme Based on Discrete Non-separable Wavelet Transform -- A Fast Run-Length Algorithm for Wavelet Image Coding with Reduced Memory Usage -- Face Recognition -- Multiple Face Detection at Different Resolutions for Perceptual User Interfaces -- Removing Shadows from Face Images Using ICA -- An Analysis of Facial Description in Static Images and Video Streams -- Recognition of Facial Gestures Based on Support Vector Machines -- Performance Driven Facial Animation by Appearance Based Tracking -- Color Distribution Tracking for Facial Analysis -- Head Gesture Recognition Based on Bayesian Network -- Detection and Tracking of Face by a Walking Robot -- Human Activity Analysis -- Appearance-Based Recognition of Words in American Sign Language -- Robust Person-Independent Visual Sign Language

Recognition -- A 3D Dynamic Model of Human Actions for Probabilistic Image Tracking -- Extracting Motion Features for Visual Human Activity Representation -- Modelling Spatial Correlation and Image Statistics for Improved Tracking of Human Gestures -- Fast and Accurate Hand Pose Detection for Human-Robot Interaction -- Surveillance -- Performance Analysis of Homomorphic Systems for Image Change Detection -- Car License Plates Extraction and Recognition Based on Connected Components Analysis and HMM Decoding -- Multi-resolution Image Analysis for Vehicle Detection -- A Novel Adaptive Gaussian Mixture Model for Background Subtraction -- Intelligent Target Recognition Based on Wavelet Adaptive Network Based Fuzzy Inference System -- Robotics -- HMM-Based Gesture Recognition for Robot Control -- PCA Positioning Sensor Characterization for Terrain Based Navigation of UVs -- Monte Carlo Localization Using SIFT Features -- A New Method for the Estimation of the Image Jacobian for the Control of an Uncalibrated Joint System -- Accelerometer Based Gesture Recognition Using Continuous HMMs -- An Approach to Improve Online Hand-Eye Calibration -- Hardware Architectures -- Image Processing Application Development: From Rapid Prototyping to SW/HW Co-simulation and Automated Code Generation -- Xilinx System Generator Based HW Components for Rapid Prototyping of Computer Vision SW/HW Systems -- 2-D Discrete Cosine Transform (DCT) on Meshes with Hierarchical Control Modes -- Domain-Specific Codesign for Automated Visual Inspection Systems -- Hardware-Accelerated Template Matching.

Sommario/riassunto

IbPRIA 2005 (Iberian Conference on Pattern Recognition and Image Analysis) was the second of a series of conferences jointly organized every two years by the Portuguese and Spanish Associations for Pattern Recognition (APRP, AERFAI), with the support of the International Association for Pattern Recognition (IAPR). This year, IbPRIA was hosted by the Institute for Systems and Robotics and the Geo-systems Center of the Instituto Superior Tecnico and it was held in Estoril, Portugal. It provided the opportunity to bring together researchers from all over the world to discuss some of the most recent advances in pattern recognition and all areas of video, image and signal processing. There was a very positive response to the Call for Papers for IbPRIA 2005. We received 292 full papers from 38 countries and 170 were accepted for presentation at the conference. The high quality of the scientific program of IbPRIA 2005 was due first to the authors who submitted excellent contributions and second to the dedicated collaboration of the international Program Committee and the other researchers who reviewed the papers. Each paper was reviewed by two reviewers, in a blind process. We would like to thank all the authors for submitting their contributions and for sharing their research activities. We are particularly indebted to the Program Committee members and to all the reviewers for their precious evaluations, which permitted us to set up this publication.

2. Record Nr.	UNISA996386003603316
Autore	L. P (Laurence Price), <fl. 1625-1680?>
Titolo	The witch of the woodlands: or, The cobbler's new translation. Written by L.P. Here Robin the cobbler for his former evils, was punisht worse then Faustus was with his devils [[electronic resource]]
Pubbl/distr/stampa	[London], : Printed for J. Millet, and sold by J. Gilbertson, at the Sun and Bible on London-Bridge, [1670?]
Descrizione fisica	22, [2] p. : ill
Soggetti	Chapbooks, English
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Place of publication from and publication date estimated by Wing. Title page woodcut. With a final leaf of woodcuts. Reproduction of the original in the Bodleian Library.
Sommario/riassunto	eebo-0014