

1. Record Nr.	UNISOBVAN0081127
Autore	Bruschi, Alberto
Titolo	Prove geotecniche in situ : guida alla stima delle proprietà geotecniche e loro applicazioni alle fondazioni / Alberto Bruschi
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Note generali	Sottotitolo in cop.: Interpretazione delle più conosciute prove geotecniche in situ, esame sintetico delle metodologie relative, identificazione della litologia dalle prove in situ, correlazioni aggiornate alla fine del 2009, utilizzo pratico dei parametri ricavati

2. Record Nr.	UNINA9910484764403321
Titolo	Pattern Recognition and Image Analysis : 7th Iberian Conference, IbPRIA 2015, Santiago de Compostela, Spain, June 17-19, 2015, Proceedings / / edited by Roberto Paredes, Jaime S. Cardoso, Xosé M. Pardo
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Collana	Image Processing, Computer Vision, Pattern Recognition, and Graphics, , 3004-9954 ; ; 9117
Disciplina	006.42
Soggetti	Pattern recognition systems Image processing - Digital techniques Computer vision Natural language processing (Computer science) Computer graphics Artificial intelligence Automated Pattern Recognition Computer Imaging, Vision, Pattern Recognition and Graphics Computer Vision Natural Language Processing (NLP) Computer Graphics Artificial Intelligence
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Pattern Recognition and Machine Learning -- Spatiotemporal Stacked Sequential Learning for Pedestrian Detection -- Social Signaling Descriptor for Group Behaviour Analysis -- A New Smoothing Method for Lexicon-Based Handwritten Text Keyword Spotting -- Empirical Evaluation of Different Feature Representations for Social Circles Detection -- Source-Target-Source Classification Using Stacked Denoising Autoencoders -- On the Impact of Distance Metrics in Instance-Based Learning Algorithms -- Multi-class Boosting for Imbalanced Data -- Computer Vision -- Object Discovery Using CNN

Features in Egocentric Videos -- Prototype Generation on Structural Data Using Dissimilarity Space Representation: A Case of Study -- Estimation and Tracking of Partial Planar Templates to Improve VSLAM -- Human Centered Scene Understanding Based on 3D Long-Term Tracking Data -- Fast Head Pose Estimation for Human-Computer Interaction -- Structured Light System Calibration for Perception in Underwater Tanks -- Dense 3D SLAM in Dynamic Scenes Using Kinect -- Scene Recognition Invariant to Symmetrical Reflections and Illumination Conditions in Robotics -- System for Medical Mask Detection in the Operating Room Through Facial Attributes -- Image and Signal Processing -- New Method for Obtaining Optimal Polygonal Approximations -- Noise Decomposition Using Polynomial Approximation -- Color Correction for Image Stitching by Monotone Cubic Spline Interpolation -- Structured Output Prediction with Hierarchical Loss Functions for Seafloor Imagery Taxonomic Categorization -- Escaping Path Approach with Extended Neighborhood for Speckle Noise Reduction -- Adaptive Line Matching for Low-Textured Images -- Unsupervised Approximation of Digital Planar Curves -- On the Modification of Binarization Algorithms to Retain Grayscale Information for Handwritten Text Recognition -- Applications -- Improving the Minimum Description Length Inference of Phrase-Based Translation Models -- A Kinect-Based System to Assess Lymphedema Impairments in Breast Cancer Patients -- Arabic Writer Identification Using Local Binary Patterns (LBP) of Handwritten Fragments -- A Fuzzy C-Means Algorithm for Fingerprint Segmentation -- Word-Graph Based Applications for Handwriting Documents: Impact of Word-Graph Size on Their Performances -- Temporal Segmentation of Digital Colposcopies -- Goal-Driven Phenotyping Through Spectral Imaging for Grape Aromatic Ripeness Assessment -- Medical Image -- Robust 3D Active Shape Model for the Segmentation of the Left Ventricle in MRI -- Kernel-Based Feature Relevance Analysis for ECG Beat Classification -- Spatial-Dependent Similarity Metric Supporting Multi-atlas MRI Segmentation -- Color Detection in Dermoscopy Images Based on Scarce Annotations -- Pattern Recognition and Machine Learning -- Spectral Clustering Using Friendship Path Similarity -- R-Clustering for Egocentric Video Segmentation -- Applying Basic Features from Sentiment Analysis for Automatic Irony Detection -- Exploiting the Bin-Class Histograms for Feature Selection on Discrete Data -- Time-Series Prediction Based on Kernel Adaptive Filtering with Cyclostationary Codebooks -- Latent Topic Encoding for Content-Based Retrieval -- Dissimilarity-Based Learning from Imbalanced Data with Small Disjuncts and Noise -- Binary and Multi-class Parkinsonian Disorders Classification Using Support Vector Machines -- Peripheral Nerve Segmentation Using Speckle Removal and Bayesian Shape Models -- Measuring Scene Detection Performance -- Threshold of Graph-Based Volumetric Segmentation -- Brain Neural Data Analysis with Feature Space Defined by Descriptive Statistics -- Extremely Overlapping Vehicle Counting -- Sentence Clustering Using Continuous Vector Space Representation -- Online Learning of Stochastic Bi-automaton to Model Dialogues -- Single-Channel Separation Between Stationary and Non-stationary Signals Using Relevant Information -- Computer Vision -- A New Trajectory Based Motion Segmentation Benchmark Dataset (UdG-MS15) -- Escritoire: A Multi-touch Desk with e-Pen Input for Capture, Management and Multimodal Interactive Transcription of Handwritten Documents -- Person Enrollment by Face-Gait Fusion -- Homographic Class Template for Logo Localization and Recognition -- Multimodal Object Recognition Using Random Clustering Trees -- Videogrammetry System

for Wind Turbine Vibration Monitoring -- Canonical Views for Scene Recognition in Mobile Robotics -- Crater Detection in Multi-ring Basins of Mercury -- Iterative Versus Voting Method to Reach Consensus Given Multiple Correspondences of Two Sets -- Extracting Categories by Hierarchical Clustering Using Global Relational Features -- A Calibration Algorithm for Multi-camera Visual Surveillance Systems Based on Single-View Metrology -- 3D-Guided Multiscale Sliding Window for Pedestrian Detection -- A Feature-Based Gaze Estimation Algorithm for Natural Light Scenarios -- Image and Signal Processing -- Fast Simple Linear Iterative Clustering by Early Candidate Cluster Elimination -- Pectoral Muscle Segmentation in Mammograms Based on Cartoon-Texture Decomposition -- PPG Beat Reconstruction Based on Shape Models and Probabilistic Templates for Signals Acquired with Conventional Smartphones -- Peripheral Nerves Segmentation in Ultrasound Images Using Non-linear Wavelets and Gaussian Processes -- Improving Diffusion Tensor Estimation Using Adaptive and Optimized Filtering Based on Local Similarity -- Dimension Reduction of Hyperspectral Image with Rare Event Preserving -- Applications -- Clustering of Strokes from Pen-Based Music Notation: An Experimental Study -- Image Analysis-Based Automatic Detection of Transmission Towers Using Aerial Imagery -- A Sliding Window Framework for Word Spotting Based on Word Attributes -- Combining Statistical and Semantic Knowledge for Sarcasm Detection in Online Dialogues -- Estimating Fuel Consumption from GPS Data -- A Bag-of-phonemes Model for Homeplace Classification of Mandarin Speakers -- A Gaussian Process Emulator for Estimating the Volume of Tissue Activated During Deep Brain Stimulation -- Genetic Seam Carving: A Genetic Algorithm Approach for Content-Aware Image Retargeting -- Analysis of Expressiveness of Portuguese Sign Language Speakers -- Automatic Eye Localization; Multi-block LBP vs. Pyramidal LBP Three-Levels Image Decomposition for Eye Visual Appearance Description -- Clinical Evaluation of an Automatic Method for Segmentation and Characterization of the Thoracic Aorta with and Without Aneurysm Patients -- Combined MPEG7 Color Descriptors for Image Classification: Bypassing the Training Phase -- A Multi-platform Graphical Software for Determining Reproductive Parameters in Fishes Using Histological Image Analysis.

Sommario/riassunto

This book constitutes the proceedings of the 7th Iberian Conference on Pattern Recognition and Image Analysis, IbPRIA 2015, held in Santiago de Compostela, Spain, in June 2015. The 83 papers presented in this volume were carefully reviewed and selected from 141 submissions. They were organized in topical sections named: Pattern Recognition and Machine Learning; Computer Vision; Image and Signal Processing; Applications; Medical Image; Pattern Recognition and Machine Learning; Computer Vision; Image and Signal Processing; and Applications.
