1.	Record Nr.	UNISA996466062203316
	Titolo	Pattern Recognition : Joint 34th DAGM and 36th OAGM Symposium, Graz, Austria, August 28-31, 2012, Proceedings / / edited by Axel Pinz, Thomas Pock, Horst Bischof, Franz Leberl
	Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2012
	ISBN	3-642-32717-6
	Edizione	[1st ed. 2012.]
	Descrizione fisica	1 online resource (XV, 510 p. 220 illus.)
	Collana	Image Processing, Computer Vision, Pattern Recognition, and Graphics ; ; 7476
	Disciplina	006.4
	Soggetti	Pattern recognition
		Optical data processing
		Artificial intelligence
		Computer graphics
		Pattern Recognition
		Image Processing and Computer Vision
		Artificial Intelligence
		Computer Graphics
		Computer Imaging, Vision, Pattern Recognition and 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	As Time Goes by—Anytime Semantic Segmentation with Iterative Context Forests -- Interactive Labeling of Image Segmentation Hierarchies -- Hierarchy of Localized Random Forests for Video Annotation -- A TV-L1 Optical Flow Method with Occlusion Detection. - Curvature Prior for MRF-Based Segmentation and Shape Inpainting. - Mean Field for Continuous High-Order MRFs -- How Well Do Filter-Based MRFs Model Natural Images? -- Anisotropic Range Image Integration -- Modeling of Sparsely Sampled Tubular Surfaces Using Coupled Curves -- Shape (Self-)Similarity and Dissimilarity Rating for Segmentation and Matching. -- Dense 3D Reconstruction with a Hand-Held Camera -- OUR-CVFH – Oriented, Unique and Repeatable Clustered Viewpoint Feature Histogram for Object Recognition and

6DOF Pose Estimation -- 3D Object Recognition and Pose Estimation for Multiple Objects Using Multi-Prioritized RANSAC and Model Updating -- Classification with Global, Local and Shared Features -- Object Detection in Multi-view X-Ray Images -- Eye Localization Using the Discriminative Generalized Hough Transform -- Simultaneous Estimation of Material Properties and Pose for Deformable Objects from Depth and Color Images -- Surface Quality Inspection of Deformable Parts with Variable B-Spline Surfaces -- Automated Image Forgery Detection through Classification of JPEG Ghosts -- Synergy-Based Learning of Facial Identity -- Information Theoretic Clustering Using Minimum Spanning Trees -- Dynamical SVM for Time Series Classification -- Trust-Region Algorithm for Nonnegative Matrix Factorization with Alpha- and Beta-divergences.- Line Matching Using Appearance Similarities and Geometric Constraints.-Salient Pattern Detection Using W2 on Multivariate Normal Distributions -- A Simple Extension of Stability Feature Selection -- Feature-Based Multi-video Synchronization with Subframe Accuracy.- Combination of Sinusoidal and Single Binary Pattern Projection for Fast 3D Surface Reconstruction -- Consensus Multi-View Photometric Stereo -- Automatic Scale Selection of Superimposed Signals -- Sensitivity/Robustness Flexible Ellipticity Measures -- Sparse Point Estimation for Bayesian Regression via Simulated Annealing -- Active Metric Learning for Object Recognition -- Accuracy-Efficiency Evaluation of Adaptive Support Weight Techniques for Local Stereo Matching -- Groupwise Shape Registration Based on Entropy Minimization -- Adaptive Multi-cue 3D Tracking of Arbitrary Objects -- Training of Classifiers for Quality Control of On-Line Laser Brazing Processes with Highly Imbalanced Datasets -- PCA-Enhanced Stochastic Optimization Methods -- A Real-Time MRF Based Approach for Binary Segmentation -- Pottics – The Potts Topic Model for Semantic Image Segmentation -- Decision Tree Ensembles in Biomedical Time-Series Classification -- Spatio-temporally Coherent Interactive Video Object Segmentation via Efficient Filtering.-Discrepancy Norm as Fitness Function for Defect Detection on Regularly Textured Surfaces.- Video Compression with 3-D Pose Tracking, PDE-Based Image Coding, and Electrostatic Halftoning -- Image Completion Optimised for Realistic Simulations of Wound Development.- Automatic Model Selection in Archetype Analysis -- Stereo Fusion from Multiple Viewpoints -- Confidence Measurements for Adaptive Bayes Decision Classifier Cascades and Their Application to US Speed Limit Detection -- A Bottom-Up Approach for Learning Visual Object Detection Models from Unreliable Sources -- Active Learning of Ensemble Classifiers for Gesture Recognition. Interactive Labeling of Image Segmentation Hierarchies -- Hierarchy of Localized Random Forests for Video Annotation -- A TV-L1 Optical Flow Method with Occlusion Detection.- Curvature Prior for MRF-Based Segmentation and Shape Inpainting.- Mean Field for Continuous High-Order MRFs -- How Well Do Filter-Based MRFs Model Natural Images? -- Anisotropic Range Image Integration -- Modeling of Sparsely Sampled Tubular Surfaces Using Coupled Curves -- Shape (Self-) Similarity and Dissimilarity Rating for Segmentation and Matching. -- Dense 3D Reconstruction with a Hand-Held Camera -- OUR-CVFH – Oriented, Unique and Repeatable Clustered Viewpoint Feature Histogram for Object Recognition and 6DOF Pose Estimation -- 3D Object Recognition and Pose Estimation for Multiple Objects Using Multi-Prioritized RANSAC and Model Updating -- Classification with Global, Local and Shared Features -- Object Detection in Multi-view X-Ray Images -- Eye Localization Using the Discriminative Generalized Hough Transform -- Simultaneous Estimation of Material Properties

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| Sommario/riassunto | This book constitutes the refereed proceedings of the 34th Symposium of the German Association for Pattern Recognition, DAGM 2012, and the 36th Symposium of the Austrian Association for Pattern Recognition, OAGM 2012, held in Graz, Austria, in August 2012. The 27 revised full papers and 23 revised poster papers were carefully reviewed and selected from 98 submissions. The papers are organized in topical sections on segmentation, low-level vision, 3D reconstruction, recognition, applications, learning, and features. |