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Descrizione fisica	1 online resource (XVI, 279 p. 136 illus. in color.)
Collana	Image Processing, Computer Vision, Pattern Recognition, and Graphics ; ; 9443
Disciplina	006.4
Soggetti	Pattern recognition Optical data processing Artificial intelligence Computer graphics Computer simulation Computational intelligence Pattern Recognition Image Processing and Computer Vision Artificial Intelligence Computer Graphics Simulation and Modeling Computational Intelligence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Multiple Image Segmentation -- Aggregation of Biclustering Solutions for Ensemble Approach -- Fuzzy C-Means Stereo Segmentation -- SCHOG Feature for Pedestrian Detection -- Learning Prior Bias in Classifier -- Intra-class Variance among Multiple Samples of the Same Person's Fingerprint in a Cooperative User Scenario -- Kernel Matrix Completion for Learning Nearly Consensus Support Vector Machines -- An Empirical Comparison of Support Vector Machines versus Nearest Neighbour Methods for Machine Learning Applications -- Improving

the Detection of Relations between Objects in an Image using Textual Semantics -- A ToF-based Approach to 3D Reconstruction of Isometric Surfaces -- Segmentation of Tomatoes in Open Field Images with Shape and Temporal Constraints -- Fast and Accurate Pedestrian Detection in a Truck's Blind Spot Camera -- Comparing Different Labeling Strategies in Anomalous Power Consumptions Detection -- An Efficient Shape Feature Extraction, Description and Matching Method using GPU -- Utilization of Multiple Sequence Analyzers for Bibliographic Information Extraction.

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Sommario/riassunto

This book constitutes the thoroughly refereed post-conference proceedings of the Third International Conference on Pattern Recognition, ICPRAM 2014, held in Angers, France, in March 2014. The 18 revised full papers were carefully reviewed and selected from 179 submissions and describe up-to-date applications of Pattern Recognition techniques to real-world problems, interdisciplinary research, experimental and/or theoretical studies yielding new insights that advance Pattern Recognition methods.

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