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	Descrizione fisica	1 online resource (XXXIV, 335 p. 173 illus.)
	Collana	Image Processing, Computer Vision, Pattern Recognition, and Graphics ; ; 7728
	Disciplina	006.6
	Soggetti	Optical data processing
		User interfaces (Computer systems)
		Multimedia systems
		Geometry
		Computer Imaging, Vision, Pattern Recognition and Graphics
		User Interfaces and Human Computer Interaction
		Media Design
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Bibliographic Level Mode of Issuance: Monograph
	Nota di contenuto	Binary Patterns -- Rotation Invariant Co-occurrence among Adjacent LBPs -- 3D LBP-Based Rotationally Invariant Region Description -- Dynamic Texture Synthesis in Space with a Spatio-temporal Descriptor -- Adaptive Kernel Size Selection for Correntropy Based Metric -- Vitality Assessment of Boar Sperm Using an Adaptive LBP Based on Oriented Deviation -- Background Subtraction Based on Multi-channel SILTP -- Elliptical Local Binary Patterns for Face Recognition -- Block LBP Displacement Based Local Matching Approach for Human Face Recognition -- Face Recognition with Learned Local Curvelet Patterns and 2-Directional L1-Norm Based 2DPCA -- LBP–TOP Based Countermeasure against Face Spoofing Attacks -- An Efficient LBP-Based Descriptor for Facial Depth Images Applied to Gender Recognition Using RGB-D Face Data -- Face Spoofing Detection Using Dynamic Texture -- Class-Specified Segmentation with Multi-scale

Superpixels -- A Flexible Auto White Balance Based on Histogram Overlap -- Region Segmentation and Object Extraction Based on Virtual Edge and Global Features -- Adaptive Sampling for Low Latency Vision Processing -- Colorimetric Correction for Stereoscopic Camera Arrays -- Camera Calibration Using Vertical Lines -- Vehicle Localization Using Omnidirectional Camera with GPS Supporting in Wide Urban Area -- Efficient Development of User-Defined Image Recognition Systems -- Transforming Cluster-Based Segmentation for Use in OpenVL by Mainstream Developers -- Efficient GPU Implementation of the Integral Histogram -- Play Estimation with Motions and Textures in Space-Time Map Description -- A Benchmark Dataset for Outdoor Foreground/Background Extraction -- One-Class Background Model -- Illumination Invariant Background Model Using Mixture of Gaussians and SURF Features -- Foreground Detection via Robust Low Rank Matrix Decomposition Including Spatio-Temporal Constraint -- Temporal Saliency for Fast Motion Detection -- Background Model Based on Statistical Local Difference Pattern.

Sommario/riassunto	The two volume set, consisting of LNCS 7728 and 7729, contains the carefully reviewed and selected papers presented at the nine workshops that were held in conjunction with the 11th Asian Conference on Computer Vision, ACCV 2012, in Daejeon, South Korea, in November 2012. From a total of 310 papers submitted, 78 were selected for presentation. LNCS 7728 contains the papers selected for the International Workshop on Computer Vision with Local Binary Pattern Variants, the Workshop on Computational Photography and Low-Level Vision, the Workshop on Developer-Centered Computer Vision, and the Workshop on Background Models Challenge. LNCS 7729 contains the papers selected for the Workshop on e-Heritage, the Workshop on Color Depth Fusion in Computer Vision, the Workshop on Face Analysis, the Workshop on Detection and Tracking in Challenging Environments, and the International Workshop on Intelligent Mobile Vision.