

1. Record Nr.	UNINA9910483713503321
Titolo	Image and Video Technology -- PSIVT 2013 Workshops : GCCV 2013, GPID 2013, PAESNPR 2013, and QACIVA 2013, Guanajuato, Mexico, October 28-29, 2013, Revised Selected Papers // edited by Fay Huang, Akihiro Sugimoto
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2014
ISBN	3-642-53926-2
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (XIV, 241 p. 107 illus.) : online resource
Collana	Image Processing, Computer Vision, Pattern Recognition, and Graphics ; ; 8334
Disciplina	621.367
Soggetti	Optical data processing Artificial intelligence Pattern recognition Computer graphics Algorithms Application software Image Processing and Computer Vision Artificial Intelligence Pattern Recognition Computer Graphics Algorithm Analysis and Problem Complexity Information Systems Applications (incl. Internet)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Inverse Skeletal Strokes -- Animated Non-photorealistic Rendering in Multiple Styles -- Rating Image Aesthetics Using a Crowd Sourcing Approach -- Length Estimation for Exponential Parameterization and - Uniform Samplings -- Accuracy of Trajectories Estimation in a Driver-Assistance Context -- Digital Convexity and Cavity Trees -- Efficient Reconstruction of Complex 3-D Scenes from Incomplete RGB-D Data -- Fotonic and Electron Microscopy Images for Quality Evaluation of Delignification of Agave Fibers -- Description of the Enzymatic

Browning in Avocado Slice Using GLCM Image Texture -- Image Preprocessing Assessment Detecting Low Contrast Regions under Non-homogeneous Light Conditions -- An Approach for Utility Pole Recognition in Real Conditions -- Morphological Analysis for Temporary Behaviour Description of Photoelasticity Images on Plastic Films -- Least Square for Grassmann-Cayley Algebra in Homogeneous Coordinates -- Harmonic Flow for Histogram Matching -- Medical Image Segmentation Using Multi-level Set Partitioning with Topological Graph Prior -- Initializing 3-D Reconstruction from Three Views Using Three Fundamental Matrices -- A New A Contrario Approach for the Robust Determination of the Fundamental Matrix -- Regression Based Trajectory Learning and Prediction for Human Motion -- Local Affine Optical Flow Computation -- Performance of Image Registration and Its Extensions for Interpolation of Facial Motion -- Discrete Rigid Transformation Graph Search for 2D Image Registration.

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Sommario/riassunto

This book constitutes the thoroughly refereed post-conference proceedings of the four workshops on Photographic Aesthetics and Non-Photorealistic Rendering (PAESNPR13), Geometric Properties from Incomplete Data (GPID), Quality Assessment and Control by Image and Video Analysis (QACIVA), and Geometric Computation for Computer Vision (GCCV2013), held in conjunction with the 6th Pacific-Rim Symposium on Image and Video Technology (PSIVT) in Guanajuato, Mexico, during October 28-November 1, 2013. The 38 revised full papers presented were carefully selected from numerous submissions and cover all aspects of Imaging and Graphics Hardware and Visualization, Image/Video Coding and Transmission; Processing and Analysis; Retrieval and Scene Understanding, but also Applications of Image and Video Technology, Biomedical Image Processing and Analysis, Biometrics and Image Forensics, Computational Photography and Arts, Computer and Robot Vision, Pattern Recognition, and Video Surveillance.

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