《智能视觉系统用先进概念/Advance》

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内容概要

This book constitutes the refereed proceedings of the 8th International Conference on Advanced Concepts for Intelligent Vision Systems, ACIVS 2006, held in Antwerp, Belgium in September 2006. The 45 revised full papers and 65 revised poster papers presented were carefully reviewed and selected from around 242 submissions. The papers are organized in topical sections on noise reduction and restoration, segmentation, motion estimation and tracking, video processing and coding, camera calibration, image registration and stereo matching, biometrics and security, medical imaging, image retrieval and image understanding, as well as classification and recognition.

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书籍目录

Noise Reduction and Restoration Directional Filtering for Upsampling According to Direction Information of the Base Layer in the JVT/SVC Codec A New Fuzzy-Based Wavelet Shrinkage Image Denoising Technique Mathematical Models for Restoration of Baroque Paintings Motion Blur Concealment of Digital Video Using Invariant Features Hybrid Sigma Filter for Processing Images Corrupted by Multiplicative Noise Automatic Restoration of Old Motion Picture Films Using Spatiotemporal Exemplar-Based Inpainting Dedicated Hardware for Real-Time Computation of Second-Order Statistical Features for High Resolution Images Greyscale Image Interpolation Using Mathematical Morphology Dilation Matrices for Nonseparable Bidimensional Wavelets Evolutionary Tree-Structured Filter for Impulse Noise Removal Perceived Image Quality Measurement of State-of-the-Art Noise Reduction Schemes Multiway Filtering Applied on Hyperspectral ImagesSegmentation A Linear-Time Approach for Image Segmentation Using Graph-Cut Measures The RIM Framework for Image Processing A Proposal Method for Corner Detection with an Orthogonal Three-Direction Chain Code A Charged Active Contour Based on Electrostatics Comparison of Statistical and Shape-Based Approaches for Non-rigid Motion Tracking with Missing Data Using a Particle Filter An Active Contour Model Guided by LBP Distributions Characterizing the Lacunarity of Objects and Image Sets and Its Use as a Technique for the Analysis of Textural Patterns Adaptive Vision Leveraging Digital Retinas: Extracting Meaningful Segments A Fast Dynamic Border Linking Algorithm for Region MergingMotion Estimation and TrackingVideo Processing and CodingCamera Calibration,Image Registration and Stereo MatchingBiometrics and SecurityMedical ImagingImage Retrieval and Image UnderstandingClassififcation and RecognitionAuthor Index

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