

图书基本信息

书名：<<计算机视觉、图形与图像处理 / 会议录 Computer vision, graphics and image processing>>

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内容概要

This book constitutes the refereed proceedings of the Indian Conference on Computer Vision, Graphics and Image Processing, ICVGIP 2006, held in Madurai, India in December 2006. The 29 revised full papers and 56 revised poster papers presented were carefully reviewed and selected from 284 submissions. The papers are organized in topical sections on image restoration and super-resolution, segmentation and classification, image filtering and image processing, graphics and visualization, video analysis, tracking and surveillance, face-, gesture-, and object-recognition, compression, document processing/OCR, content based image retrieval, stereo/camera calibration, and biometrics.

书籍目录

Image Restoration and Super-Resolution Edge Model Based High Resolution Image Generation Greyscale Photograph Geometry Informed by Dodging and Burning A Discontinuity Adaptive Method for Super-Resolution of License Plates Explicit Nonflat Time Evolution for PDE-Based Image Restoration Decimation Estimation and Super-Resolution Using Zoomed Observations Segmentation and Classification Description of Interest Regions with Center-Symmetric Local Binary Patterns An Automatic Image Segmentation Technique Based on Pseudo-convex Hull Single-Histogram Class Models for Image Segmentation Learning Class-Specific Edges for Object Detection and Segmentation Nonparametric Neural Network Model Based on Rough-Fuzzy Membership Function for Classification of Remotely Sensed Images Aggregation Pheromone Density Based Image Segmentation Remote Sensing Image Classification: A Neuro-fuzzy MCS Approach A Hierarchical Approach to Landform Classification of Satellite Images Using a Fusion Strategy Image Filtering/Processing An Improved 'Gas of Circles' Higher-Order Active Contour Model and Its Application to Tree Crown Extraction A New Extension of Kalman Filter to Non-Gaussian Priors A Computational Model for Boundary Detection Speckle Reduction in Images with WEAD and WECD Image Filtering in the Compressed Domain Significant Pixel Watermarking Using Human Visual System Model in Wavelet Domain Early Vision and Image Processing: Evidences Favouring a Dynamic Receptive Field Model An Alternative Curvature Measure for Topographic Feature Detection Nonlinear Enhancement of Extremely High Contrast Images for Visibility Improvement Graphics and Visualization Culling an Object Hierarchy to a Frustum Hierarchy Video Analysis Recognition (Face/Gesture/Object) Compression Document Processing/OCR Content Based Image Retrieval Stereo/Camera Calibration Biometrics Author Index

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