

《成像和视频技术进展 Advances》

图书基本信息

书名：《成像和视频技术进展 Advances in image and video technology》

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内容概要

This book constitutes the refereed proceedings of the First Pacific Rim Symposium on Image and Video Technology, PSIVT 2006, held in Hsinchu, Taiwan in December 2006. The 76 revised full papers and 58 revised poster papers presented were carefully reviewed and selected from a total of 450 submissions. The papers cover a wide range of topics, including all aspects of video and multimedia, both technical and artistic perspectives and both theoretical and practical issues. The papers are organized in topical sections on 3D scene modeling, image analysis, intelligent vision applications, multimedia compression and transmission, multimedia signal processing, panoramic imaging and distributed video systems, sensor technologies, and visualization.

书籍目录

3D Scene Modeling Error Analysis of Feature Based Disparity Estimation Collinearity and Coplanarity Constraints for Structure from Motion Reconstruction of Building Models with Curvilinear Boundaries from Laser Scanner and Aerial Imagery The Generation of 3D Tree Models by the Integration of Multi-sensor Data LOD Generation for 3D Polyhedral Building Model Octree Subdivision Using Coplanar Criterion for Hierarchical Point Simplification Dimension Reduction in 3D Gesture Recognition Using Meshless Parameterization Target Calibration and Tracking Using Conformal Geometric Algebra Robust Pose Estimation with 3D Textured Models Multi-scale 3D-Modeling Image Analysis Boundary Based Orientation of Polygonal Shapes LPP and LPP Mixtures for Graph Spectral Clustering The Invariance Properties of Chromatic Characteristics A Scale Invariant Surface Curvature Estimator N-Point t-tough Transform Derived by Geometric Duality Guided Importance Sampling Based Particle Filtering for Visual Tracking Intelligent Spot Detection for 2-DE Gel Image Gaze Estimation from Low Resolution Images Image Similarity Comparison Using Dual-Tree Wavelet Transform A Novel Supervised Dimensionality Reduction Algorithm for Online Image Recognition Feature Selection Based on Run Covering Automated Detection of the Left Ventricle from 4D MR Images: Validation Using Large Clinical Datasets Two Thresholding for Deriving the Bi-level Document Image A Novel Merging Criterion Incorporating Boundary Smoothness and Region Homogeneity for Image SegmentationAuthor Index

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