

<<Advanced Concepts fo>>

图书基本信息

书名：<<Advanced Concepts for Intelligent Vision Systems 智能视觉系统的先进概念/会议录>>

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内容概要

This book constitutes the refereed proceedings of the 7th International Conference on Advanced Concepts for Intelligent Vision Systems, ACIVS 2005, held in Antwerp, Belgium in September 2005. The 90 revised full papers presented were carefully reviewed and selected from around 200 submissions. The papers are organized in topical sections on biometrics, classification and recognition, content and performance characterization, image and video analysis, image and video coding, image and video segmentation, medical image processing applications, motion estimation and tracking, noise reduction and restoration, and real-time processing and hardware.

书籍目录

Biometrics Video Pupil Tracking for Iris Based Identification Three Dimensional Fingertip Tracking in Stereovision Multistage Face Recognition Using Adaptive Feature Selection and Classification Fast Face Detection Using a Cascade of Neural Network Ensembles Use of Human Motion Biometrics for Multiple-View Registration Real Time Tracking of Multiple Persons on Colour Image Sequences A Study on Non-intrusive Facial and Eye Gaze DetectionClassification and Recognition Hidden Markov Model Based 2D Shape Classification A Fast Method to Detect and Recognize Scaled and Skewed Road Signs Road Markings Detection and Tracking Using Hough Transform and Kalman Filter Selective Color Edge Detector Based on a Neural Classifier Recovering the Shape from Texture Using Lognormal Filters Affine Normalization of Symmetric Objects Object Recognition Using Local Characterisation and Zernike Moments Natural Scene Classification and Retrieval Using Ridgelet-Based Image Signatures Multi-banknote Identification Using a Single Neural Network A New Voting Algorithm for Tracking Human Grasping Gestures Gender Classification in Human Gait Using Support Vector Machine An Alternative Fuzzy Compactness and Separation Clustering Algorithm Fuzzy Linguistic Rules Classifier for Wooden Board Color Sorting Image Pattern Recognition with Separable Trade-Off Correlation Filters Approximation of Linear Discriminant Analysis for Word Dependent Visual Features SelectionContent and Performance Characterization Estimation of Intensity Uncertainties for Computer Vision Applications A Wavelet Statistical Model for Characterizing Chinese Ink Paintings Image and Video AnalsisImage and Video CodingImage and Video SegmentationMedical ApplicaionsNoise Reduction and RestorationReal-Time Processing and HardwareAuthor Index

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