

<<Robot vision(英文原版进口)>>

图书基本信息

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内容概要

This book constitutes the refereed proceedings of the International Workshop on Robot Vision, RobVis 2001, held in Auckland, New Zealand in February 2001. The 17 revised full papers presented together with 17 posters were carefully reviewed and selected from 52 submissions. The papers and posters are organized in topical sections on active perception, computer vision, robotics and video, computational stereo, robotic vision, and image acquisition.

书籍目录

Active Perception Visual Cues for a Fixating Active Agent Tracking with a Novel Pose Estimation Algorithm
Real-Time Tracking of Articulated Human Models Using a 3D Shape-from-Silhouette Method Hierarchical 3D
Pose Estimation for Articulated Human Body Models from a Sequence of Volume Data Vision-Based Robot
Localization Using Sporadic FeaturesPoster Session 1: Computer Vision A Comparison of Feature Measurements
for Kinetic Studies on Human Bodies Object Identification and Pose Estimation for Automatic Manipulation ..
Toward Self-calibration of a Stereo Rig from Noisy Stereoscopic Images A Color Segmentation Algorithm for
Real-Time Object Localization on Small Embedded Systems EYESCAN - A High Resolution Digital Panoramic
Camera A Wavelet-Based Algorithm for Height from Gradients Enhanced Stereo Vision Using Free-Form
Surface MirrorsPoster Session 2: Robotics & Video RoboCup-99: A Student's Perspective HORUS: Object
Orientation and Id without Additional Markers An Stereoscopic Vision System Guiding an Autonomous
Helicopter for Overhead Power Cable Inspection 3D Stereo Vision-Based Nursing Robot for Elderly Health Care
Wee-Soon Ching, Edward Ho, Christopher Ong, Hs Tay and Sai-Mui Lira Subpixel Flow Detection by the
Hough Transform Tracking of Moving Heads in Cluttered Scenes from Stereo Vision Servoing Mechanisms for
Peg-In-Hole Assembly Operations Robot Localization Using Omnidirectional Color Images The Background
Subtraction Problem for Video Surveillance Systems Computational Stere Stable Monotonic Matching for
Stereoscopic Vision Random Sampling and Voting Method for Three-Dimensional Reconstruction Binocular
Stereo by Maximizing the Likelihood Ratio Relative to a Random Terrain Stereo Reconstruction from Polycentric
PanoramasRobotic VisionImage AcquisitionAuthor Index

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