Contents

Object Reconstruction and Management

3D Objects Feature Extraction and Its Applications: A Survey 3
Haisheng Li, Xuan Liu, Qiang Cai, and Junping Du

Detection and Segmentation of Moving Objects from Dynamic RGB and Depth Images 19
Naotomo Tatematsu, Jun Ohya, and Larry Davis

A Method for the 3D Reconstruction Based on Edge Detection and Feature Extraction 35
Liangcheng Su and Fei Jia

3D Reconstruction Based on Model Registration Using RANSAC-ICP Algorithm 46
Xuwei Huang and Min Hu

A Method of License Character Recognition Based on Fast Nearest Feature Line 52
Jianping Xie, Hongqiang Zhou, Xialai Wu, and Yi Zhou

Research of Task Allocation Strategy for Moving Image Matching Based on Multi-agent 61
Bin Shao and Zhimin Yan

Extracting the Foreground from Video Based on a New Sampling Method. . . 68
Qiaoming Pan, Yang Shen, Yanxiao Bao, Xiao Lin, and Jiang Liu

Graphics

Specifying Efficient Recognizers for Sketch-Based Rendering. 79
Dan Xiao

A Method of Human Facial Portrait Generation Based on Features Exaggeration 90
Xiaorong Du, Jiagui Bai, Yong Zhang, and Yan Xu

An Improved Texture Synthesis Algorithm. 103
Yuanyuan Pu, Dan Xu, Wenhua Qian, Yaqun Huang, and Youyan Dan

Interactive Plant Modeling Based on Freehand Sketches 114
Lanling Zeng, Dongdong Ma, Dongsheng Yan, Xiangjun Shen, and Yongzhao Zhan

Bibliografische Informationen
http://d-nb.info/1078411514

digitalisiert durch DEUTSCHE NATIONAL BIBLIOTHEK

Determining Knots by Minimizing the Second Derivative 127
Fan Zhang and Xueying Qin

VR/AR

Application of Mobile AR in E-learning: An Overview 141
Yang Yang

The Study of Mapping Mechanism Between Game Rules and Knowledge in Educational Games: A Case of Agricultural Game Design 156
Qing Wang, Hong Chen, Yan Liu, and Dehai Zhu

How Can Chinese Teachers Use Multimedia Material in EFL Teaching. 170
Jun Shen

An Interactive Construction Method of 3D Objects from Chinese Ink Paintings 179
Lijie Yang, Tianchen Xu, and Xiaoshan Li

A Generation Method of Chinese Meticulous Painting Based on Image 187
Yinghui Wang, Jing Liu, Wen Hao, Xiaojuan Ning, Zhenghao Shi, Minghua Zhao, and Jiulong Zhang

A New Mode of Protection and Inheritance Based on Xinjiang Traditional Folk Arts Pattern. 200
Haiying Zhao, Hong Peng, and Chen Hong

Applications

The Export of Hangzhou's Cultural and Creative Products (Services) and Its Development Overseas 209
Yongqiang Chen, Xiutian Zheng, and Xin Tong

Application of the Identical Discrepancy Contrary Mastermind Based on Set Pair Analysis 222
Qing Shen, Yunliang Jiang, Zhangguo Shen, Haoyu Peng, Xiulan Hao, and Xu Huang

The Influence of Baroque Music on Undergraduates' Memory Effect: Evidence from Biofeedback 228
Wei Zhao and Shuiyu Ding

Cultivation of Service Outsourcing Talents Based on Innovative Cooperation Mode Between Institute and Enterprises. 235
Lin Qiu, Chengxian Xu, and Guohua Zhan

A Distributed Data Mining System Framework for Mobile Internet Access Log Based on Hadoop 243
Yunliang Jiang, Jiangang Yang, Liang Tang, Yong Liu, Xiaoming Zhao, and Xiulan Hao

An Efficient Local-Recoding k-Anonymization Algorithm Based on Clusterin 253
Lifeng Yu and Qiong Yang

Author Index 265