

2017

第 5 期

Vol. 38 No. 5

第38卷 第5期

Journal of
Graphics

图学学报



中国图学学会会刊

《中文核心期刊要目总览》（第七版）科技类核心期刊

中国科技核心期刊（中国科技论文统计源期刊）

中国科学引文数据库（CSCD）核心期刊

中国学术期刊综合评价数据库来源期刊

日本科学技术振兴机构中国文献数据库（JSTChina）收录期刊

目 次

前沿探索与综述

- 视频图像去雨技术研究进展 周浦城, 周 远, 韩裕生 (629)

图形学与可视化

- 航海模拟器视景系统中的混合渲染 陈丽宁, 邱文钦 (647)

几何设计与计算

- 可活动关节 3D 打印模型生成方法研究 高 鹏, 李 琳, 储晓丽, 谭剑波 (654)

数字化设计

- 基于改进 EEMD 和谱峭度的滚动轴承故障诊断 马增强, 张俊甲, 王梦奇, 阮婉莹 (663)

- 四足机器人步态分析及仿真实现 张 奔, 卞新高, 朱灯林 (670)

工业设计

- 基于用户导向粗糙集算法的旅行箱设计规则研究 王汉友 (675)

- 基于心理与生理测量的苗族服饰纹样美感研究 闫龙华, 林 丽, 肖华亮, 时 雷 (683)

- 基于用户需求细分的产品形态群化设计 贺雪梅, 曹廷蕾, 宋 宁, 吉晓民 (689)

- 维度跃升·情感内化——汉字元素在产品中的应用研究 侯士江, 陈昱志 (695)

视觉与图像

- 颜色风格自适应的图像克隆算法 程皓楠, 王 凯, 刘世光 (700)

- 基于字典学习的 HDR 照片风格转移方法 谢志峰, 杜 胜, 郭雨辰, 黄东晋, 马利庄 (706)

- 增量式鉴别非负矩阵分解算法及其在人脸识别中的应用 蔡 竞, 王万良, 郑建伟, 李吉明 (715)

- 基于多分类器的 C5.0 决策树植被分类方法 刘 丹, 杨风暴, 卫 红, 李大威, 韩晓峰 (722)

- 基于彩色人脸图像的亲子关系验证研究 吴晓婷, 冯晓毅, 彭进业, HADID Abdenour (729)

- 基于力学原理的主动轮廓模型诠释 李立鸣, 唐克伦, 文华斌 (736)

- 基于高阶马尔科夫随机场的单幅图像去雾算法 冷建伟, 李 鹏 (745)

- 基于卷积神经网络的中国水墨画风格提取

- 王晨琛, 王业琳, 葛中芹, 储开岳, 蔡 晶, 金建华, 陈 颖, 葛 云 (754)

BIM 研究与应用

- 基于 IFC 标准的施工图注释自动生成方法研究 黄静菲, 赖华辉, 邓雪原 (760)

图学教育

- 美国普渡大学印第安纳波利斯分校工程图学系列课程的深度观察

- 朱科铃, ACHESON Douglas, 袁惠新, 刘善淑, 丁建宁, 袁宁一 (767)

- 基于“互联网+”的《工程制图》课程 CAD 上机实验教学研究与实践

- 穆浩志, 王晓菲, 蔡 兵, 牛兴华 (772)

- 以学生为中心构建工程制图 SPOC 课程平台 娄 晖 (779)

- “混合式”工程图学课程研究 史艳红, 刘华洲 (785)

应用与交流

- 基于 Kinect 的虚拟健身跑锻炼系统 黄东晋, 姚院秋, 丁友东, WEN Tang (789)

期刊基本参数: CN 10-1034/T * 1980 * b * 16 * 167 * zh * P * ¥30.00 * 900 * 23 * 2017-5

CONTENTS

Frontier and Exploration

Review of Rain Removal Techniques in Videos and Images···ZHOU Pucheng, ZHOU Yuan, HAN Yusheng (629)

Graphics and Visualization

Mixed Wave Rendering in the Visual System of a Maritime Simulator ·····CHEN Lining, QIU Wenqin (647)

Geometric Design and Computing

Research on Generation of Activate Joint Based on 3D-Printable Model
·····GAO Peng, LI Lin, CHU Xiaoli, TAN Jianbo (654)

Digitized Design

Rolling Bearing Fault Diagnosis Based on Improved EEMD and Spectrum Kurtosis
·····MA Zengqiang, ZHANG Junjia, WANG mengqi, RUAN Wanying (663)

Gait Analysis and Simulation of Quadraped Robot·····ZHANG Ben, BIAN Xingao, ZHU Denglin (670)

Industrial Design

Research on Design Rules of Suitcases Using Rough Sets Algorithm on User Orientation·····WANG Hanyou (675)

Study on the Aesthetic Sense of the Miao Clothing Patterns Based on Psychological and Physiological Measurement
·····YAN Longhua, LIN Li, XIAO Hualiang, SHI Lei (683)

Product Form Grouping Design Based on Users Requirements Subdivision
·····HE Xuemei, CAO Tinglei, SONG Ning, JI Xiaomin (689)

Dimension Spanned, Emotional Internalization—The Application of Chinese Elements in Product Design
·····HOU Shijiang, CHEN Yuzhi (695)

Vision and Image

Adaptive Color-Style-Aware Image Cloning·····CHENG Haonan, WANG Kai, LIU Shiguang (700)

The Style Transfer of HDR Image Based on Dictionary Learning
·····XIE Zhifeng, DU Sheng, GUO Yuchen, HUANG Dongjin, MA Lizhuang (706)

Incremental Discriminant Non-Negative Matrix Factorization and Its Application to Face Recognition
·····CAI Jing, WANG Wanliang, ZHENG Jianwei, LI Jiming (715)

Vegetation Classification Method Based on C5.0 Decision Tree of Multiple Classifiers
·····LIU Dan, YANG Fengbao, WEI Hong, LI Dawei, HAN Xiaofeng (722)

Kinship Verification Through Color Face Images
·····WU Xiaoting, FENG Xiaoyi, PENG JinYE, HADID Abdenour (729)

An Interpret of Active Contour Models Based on Mechanics Theory·····LI Liming, TANG Kelun, WEN Huabin (736)

Single Image Defogging Algorithm Based on High-Order Markov Random Fields·····LENG Jianwei, LI Peng (745)

Convolutional Neural Network-Based Chinese Ink-Painting Artistic Style Extraction
·····WANG Chenchen, WANG Yelin, GE Zhongqin, CHU Kaiyue, CAI Jing, JIN Jianhua,
·····CHEN Ying, GE Yun (754)

BIM Research and Application

Research on Automated Generation of Annotations for Construction Drawings Based on IFC Standard
·····HUANG Jingfei, LAI Huahui, DENG Xueyuan (760)

Graphics Education

The Deep Insight Into the Engineering Graphic Courses of IUPUI
·····ZHU Keqian, ACHESON Douglas, YUAN Huixin, LIU Shanshu, DING Jianning, YUAN Ningyi (767)

Teaching Research and Practice of Computer Experiment on CAD of Engineering Drawing Course Based on the “Internet Plus”
·····MU Haozhi, WANG Xiaofei, CAI Bing, NIU Xinghua (772)

The Construction of Student-Centered Engineering Drawing SPOC Platform ·····LOU Hui (779)

Research on Hybrid Engineering Drawing Curriculum·····SHI Yanhong, LIU Huazhou (785)

Application and Communication

Virtual Running Exercise System Based on Kinect
·····HUANG Dongjin, YAO Yuanqiu, DING Youdong, WEN Tang (789)