



ISSN 1000-5013
CN 35-1079/N
CODEN HDZIEF

华侨大学学报

(自然科 学 版)

JOURNAL OF HUAQIAO UNIVERSITY
(NATURAL SCIENCE)

第 40 卷 第 2 期
Vol. 40 No. 2

2019

中国 · 泉州 · 厦门
CHINA · QUANZHOU · XIAMEN



公众微信号 官网二维码



目 次

闭环空气悬架系统的车身高度与姿态控制

..... 李海燕, 张锋, 汪涵, 罗顺安 (141)

西安公共交通系统的网络特性和鲁棒性分析

..... 孙军艳, 牛亚儒, 吴冰莹, 都成明, 韩雯 (148)

火灾下钢-混凝土组合楼盖的声发射监测及分析

..... 张建春, 张大山, 董毓利, 王卫华, 卢鑫 (156)

复合结构生态透水砖设计及性能分析

..... 王海峰, 郭钟瀚 (164)

爆破振动震源荷载函数的确定

..... 刘小鸣, 陈士海, 胡帅伟 (172)

高强冷弯矩形截面钢管混凝土柱偏压性能试验

..... 黄泳水, 张继承, 饶玉龙, 李勇, 申兴月, 吕宇莎 (179)

排水路面沥青混合料的连通空隙影响分析

..... 李翔, 蔡旭, 肖天佑 (186)

多因素对聚合物水泥基混凝土抗折强度的影响

..... 苗福生, 李媛, 李星 (192)

碱催化过氧化氢氧化法对偶氮染料酸橙 7 的降解性能

..... 刘淑坡, 王黛瑶, 王梦云, 邹景, 杨志敏, 周真明 (201)

万方数据

不同散热末端耦合运行调节方法

..... 马佳慧, 王美萍, 田琦 (209)

抗癌药物马赛替尼的合成工艺优化

..... 张嘉颖, 裴京晓, 黄程勇, 吴振, 王立强 (215)

利用干涉测量技术的染液均匀性方法

..... 梅小华, 李平, 金福江, 李扬森 (221)

LCL 型并网逆变器的自适应开关频率控制

..... 潘健, 李坤, 廖冬初 (226)

新型换流变压器铁心谐波磁通抑制与损耗计算

..... 邵鹏飞, 徐锡烽, 李勇, 陈浩, 肖华 (232)

有限状态机的多 AGV 路径优化策略

..... 王淑青, 毛月祥, 袁晓辉 (239)

采用深度学习的快速超分辨率图像重建方法

..... 张圣祥, 郑力新, 朱建清, 潘书万 (245)

对抗长短时记忆网络的跨语言文本情感分类方法

..... 党莉, 陈殷生, 张洪博 (251)

集聚扩散视角下福建省高新技术产业时空转移及其影响因子分析

..... 涂平, 赵唯为, 梁娟珠 (257)

Spark 平台下 KNN-ALS 模型推荐算法

..... 邹小波, 王佳斌, 詹敏 (264)

变步长 BLSTM 集成学习股票预测

..... 王子玥, 谢维波, 李斌 (269)

上半平面的带权 Bergman 投影与 Bloch 空间

..... 李西振, 陈行堤, 王洁 (277)

JOURNAL OF HUAQIAO UNIVERSITY
(NATURAL SCIENCE)

Vol. 40 No. 2

Sum 166

Mar. 2019

CONTENTS

Height and Leveling Control of Closed-Loop Air Suspension System

..... LI Haiyan, ZHANG Feng, WANG Han, LUO Shun'an (141)

Research on Complex Network Characteristics and Robustness of Xi'an City Public Transport System

..... SUN Junyan, NIU Yaru, WU Bingying, DU Chengming, HAN Wen (148)

Acoustic Emission Monitoring and Analysis of Steel-Concrete Composite Floor Under Fire

..... ZHANG Jianchun, ZHANG Dashan, DONG Yuli, WANG Weihua, LU Xin (156)

Design and Performance of Ecological Permeable Brick With Composite Structure

..... WANG Haifeng, GUO Zhonghan (164)

Determination of Blasting Vibration Source Load Function

..... LIU Xiaoming, CHEN Shihai, HU Shuaiwei (172)

Experimental Study on Eccentrically-Compressed Performance of High-Strength Cold-Formed Rectangular-Section CFST Columns

..... HUANG Yongshui, ZHANG Jicheng, RAO Yulong,
..... LI Yong, SHEN Xingyue, LÜ Yusha (179)

Analysis of Connected Void Effect on Drainage Pavement Asphalt Mixture

..... LI Xiang, CAI Xu, XIAO Tianyou (186)

Influence of Multi-Factors on Flexural Strength of Polymer Cement-Based Concrete

..... MIAO Fusheng, LI Yuan, LI Xing (192)

Effective Degradation of Acid Orange 7 by Alkali-Catalyzed Hydrogen Peroxide

..... LIU Shupo, WANG Daiyao, WANG Mengyun,
..... ZOU Jing, YANG Zhimin, ZHOU Zhenming (201)

Coupling Operation Regulation Method of Multi-Cooling Terminal

..... MA Jiahui, WANG Meiping, TIAN Qi (209)

Improved Synthesis of Anti-Cancer Drug Masitinib

..... ZHANG Jiaying, QIU Jingxiao, HUANG Chengyong,

WU Zhen, WANG Liqiang (215)

Homogeneity Testing of Uniform Degree of Dyeing Solution Using Measurement

Interference

..... MEI Xiaohua, LI Ping, JIN Fujiang, LI Yangsen (221)

Adaptive Switching Frequency Control of LCL Grid-Connected Inverter

..... PAN Jian, LI Kun, LIAO Dongchu (226)

Computation of Suppression and Loss of Core Harmonic Magnetic Flux of New

Converter Transformer

..... SHAO Pengfei, XU Xifeng, LI Yong, CHEN Hao, XIAO Hua (232)

Multi-AGV Path Optimization Strategy Based on Finite State Machines

..... WANG Shuqing, MAO Yuexiang, YUAN Xiaohui (239)

Fast Super-Resolution Image Reconstruction Method Using Deep Learning

..... ZHANG Shengxiang, ZHENG Lixin, ZHU Jianqing, PAN Shuwan (245)

Cross-Lingual Sentiment Classification Method Based on Adversarial Long Short Term

Memory Networkal

..... DANG Li, CHEN Duansheng, ZHANG Hongbo (251)

Analysis of Space-Time Transfer and Influence Factors of High-Tech Industry in Fujian

Province From Perspective of Agglomeration and Diffusion

..... TU Ping, ZHAO Weiwei, LIANG Juanzhu (257)

Recommendation Algorithm of KNN-ALS Model Based on Spark Platform

..... ZOU Xiaobo, WANG Jiabin, ZHAN Min (264)

Variable Step BLSTM Ensemble Learning for Stock Prediction

..... WANG Ziyue, XIE Weibo, LI Bin (269)

Bloch Space and Norm of Bergman Projection on Upper Half Plane

..... LI Xizhen, CHEN Xingdi, WANG Jie (277)