

目次

• 博士生专栏 •

劳资关系演化博弈分析——以珠三角地区为背景 曹 铭,张成科,朱怀念(1)
广州农村集资房空间分布特征及其影响因素研究——基于 GIS 空间分析和 SPSS 数理分析
..... 吕凤琴,袁奇峰,陈世栋(8)

• 综合研究 •

应力发光材料 BaZrSi₃O₉ 的制备与发光特性研究 傅胤荣,胡义华,金亚洪(17)
不同退火气氛下 Bi₂NiMnO₆ 薄膜的铁电性能和漏电流研究 邓敏霖,刘秋香,李万朋(21)
高倍聚光下三结砷化镓电池输出特性实验研究 李定昌,黄 金,林伟杰,谢泽扬(25)
低分子马来酸酐-牛磺酸共聚物的合成及应用性能研究 李 雄,郭建维,潘莉辉,傅淑琴,朱东雨(30)
微波辐射法合成乙二胺四乙酸- α , δ -(2-甲基-5-硝基咪唑-1-乙醇)二酯
..... 黄建新,曾静佳,陈丹漾,陈洵伟,杨少兵,郝志峰(35)
纳米银水性抗菌木器涂料的研制 张 然,梁 亮,宛 焱,胡 龙(40)
单宁酸的体外抑菌作用及其影响因素 郑正男,谭俊杰,吴 帅,丁利君,郑 希(46)
噪声环境下基于胎心电检测信号相关性判别的盲分离分析 谭北海,林锦荣,李卫军,蔡 坤(52)
基于脑电高频振荡节律的癫痫始发区快速定位算法研究 杜玉晓,陈崇毅(60)
基于阵列天线处理的 GPS 信号抗干扰研究 皮 姣,刘立程,王 峰,曹 鼎,吕嘉卿(67)
海底冷泉渗漏气泡-海水两相介质均匀化方法和实验研究 张 浩,龙建军,邱鹏飞(72)
基于 Calculix 的船舶疲劳强度并行计算方法研究与应用 刘燕龙,原 玲,姜文超,李东明,王多强(77)
基于排队论的生产物流运输资源优化配置方法 程 翱,屈 挺,王宗忠,张 婷,罗 浩(83)
比较原理和无限时滞随机泛函微分方程解的稳定性 王 琳,卢钻仪,周志权,黄泽滨,温营浩,林逢春(88)
基于 E-CARGO 的 WSN 成簇机制研究 滕少华,刘 翔(92)
一种新颖的人工鱼群算法 周述波,刘 伟,罗 萍(99)
基于自适应分簇机制的 ZigBee 路由优化算法 倪子云,张 灵(105)
基于改进递推预测误差神经网络算法的极点配置 PID 控制方法 吴平景,王银河,陈浩广(112)
多约束的应用层组播算法研究 韩 广,刘海林(118)
序空间中向量值映射极小元的存在性 张秋园,龚丽燕(123)
无线传感器网络自定位算法的研究 黄婷婷,刘广聪,陈海南(127)
HEVC 快速帧内模式和深度决策算法 伍冠健,宋立锋(132)
有限元求解器 Calculix 预处理并行优化方法 林欣达,林 穗,姜文超,李东明,王多强(138)
融合 AP 和 GMM 的说话人识别方法研究 王 波,钟映春,陈俊彬(145)
基于视觉字典容量自动获取的 LDA 场景分类研究 张 艺,钟映春,陈俊彬(150)

《广东工业大学学报》第 32 卷(2015 年)总目次 (I)
编读往来: 欢迎订阅《广东工业大学学报》 (131)
学者风采: 广东工业大学特聘教授徐维超 (封三)

JOURNAL OF GUANGDONG UNIVERSITY OF TECHNOLOGY

Volume 32 Number 4 Nov 2015

CONTENTS

Doctoral Column

- Analysis on Evolutionary Game Theory of Labor Relations in Pearl River Delta *Cao Ming, Zhang Cheng-ke, Zhu Huai-nian*(1)
Research on Spatial Distribution of Rural Co-operative Financing Housing and the Factors in Guangzhou :Based on GIS Spatial
Analysis and SPSS Quantitative Statistics *Li Feng-qin, Yuan Qi-feng, Chen Shi-dong*(8)

Comprehensive Studies

- Preparation and Mechanoluminescent properties of $BaZrSi_3O_9$ *Fu Yin-rong, Hu Yi-hua, Jin Ya-hong*(17)
Influence of Annealing Atmosphere on the Ferroelectric and Leakage Current Behavior of Bi_2NiMnO_6 Thin Films
..... *Deng Min-lin, Liu Qiu-xiang, Li Wan-peng*(21)
Experimental Study of Output Characteristics of Triple-junction GaAs Cells under High-powered Concentrator
..... *Li Ding-chang, Huang Jin, Lin Wei-jie, Xie Ze-yang*(25)
Synthesis and Application Performance of Maleic Anhydride-Taurine Oligomer
..... *Li Xiong, Guo Jian-wei, Pan Li-hui, Fu Shu-qin, Zhu Dong-yu*(30)
Synthesis of Ethylenediamine-Tetra-Acetate Diester of α, δ -(2-Methyl-5-Nitroimidazole-1-Ethanol) by Microwave Radiation Method
..... *Huang Jian-xin, Zeng Jing-jia, Chen Dan-yang, Chen Xun-wei, Yang Shao-bin, Hao Zhi-feng*(35)
Study of Nano-silver Waterborne Antibacterial Wood Coatings *Zhang Ran, Liang Liang, Wan Yan, Hu Long*(40)
Antimicrobial Activity of Tannic Acid in Vitro and Its Influencing Factors
..... *Zheng Zheng-nan, Tan Jun-jie, Wu Shuai, Ding Li-jun, Zheng Xi*(46)
A Discriminant Method of Blind Source Separation Based on FECG Correlations in Noisy Environment
..... *Tan Bei-hai, Lin Jin-rong, Li Wei-jun, Cai Kun*(52)
Fast Automated Detection Method of Seizure Onset Zone by High Frequency Oscillations *Du Yu-xiao, Chen Chong-yi*(60)
Anti-interference Study of GPS Signal Based on Array Antenna Processing
..... *Pi Jiao, Liu Li-cheng, Wang Feng, Cao Ding, Lü Jia-qing*(67)
Method and Experiment of Homogenizing Bubble-seawater Biphase Media at Cool Seeps on Seafloor
..... *Zhang Hao, Long Jian-jun, Di Peng-fei* (72)
Parallel Mechanism Research and Application of Calculix in Ship Fatigue Analysis Environments
..... *Liu Yan-long, Yuan Ling, Jiang Wen-chao, Li Dong-ming, Wang Duo-qiang*(77)
Optimal Configuration of Transportation Resources Based on Queuing Theory in a Production Logistics System
..... *Cheng Ao, Qu Ting, Wang Zong-zhong, Zhang Ting, Luo Hao*(83)
Comparison Principle and Stability of Stochastic Functional Differential Equations with Infinite Delay
..... *Wang Lin, Lu Zuan-yi, Zhou Zhi-quan, Huang Ze-bin, Wen Ying-hao, Lin Feng-chun*(88)
An E-CARGO Based Cluster Mechanism Research on WSN *Teng Shao-hua, Liu Xiang*(92)
A New Artificial Fish Swarm Algorithm *Zhou Shu-bo, Liu Wei, Luo Ping*(99)
An Optimized ZigBee Routing Algorithm Based on Adaptive Cluster Mechanism *Ni Zi-Yun, Zhang Ling*(105)
PID Control Based on Pole-assignment and Modified Recursive Prediction Error Algorithm for Neural Networks
..... *Wu Ping-jing, Wang Yin-he, Chen Hao-guang*(112)
On Multi-constrained Application Layer Multicast Algorithm *Han Guang, Liu Hai-lin* (118)
On Existence of Minimal Elements of Vector-valued Functions in Ordered Space *Zhang Qiu-yuan, Gong Li-yan*(123)
Self-localization Algorithm of Wireless Sensors Network *Huang Ting-ting, Liu Guang-cong, Chen Hai-nan*(127)
Fast Intra Mode and Depth Decision Algorithm for HEVC *Wu Guan-jian, Song Li-feng*(132)
The Parallel Optimization of Preconditioning for the Finite Element Solution Calculix
..... *Lin Xin-da, Lin Sui, Jiang Wen-chao, Li Dong-ming, Wang Duo-qiang*(138)
Research on Speaker Recognition Based on Both AP and GMM *Wang Bo, Zhong Ying-chun, Chen Jun-bin*(145)
Research on Scene Classification of LDA Automatically Obtained by Visual Dictionary Capacity
..... *Zhang Yi, Zhong Ying-chun, Chen Jun-bin*(150)