

ISSN 1671-7775

CODEN JDXZA6

江苏大学 学报

自然科学版

JOURNAL OF JIANGSU UNIVERSITY

NATURAL SCIENCE EDITION

第34卷 第2期 Vol.34 No.2

全国中文核心期刊
Ei源期刊

2013



目 次

电动汽车混合制动系统控制策略的改进

何 仁, 俞剑波, 王润才 125

纯电动汽车动力驱动系统参数匹配试验

黄万友, 程 勇, 曹 红, 王宏栋 131

汽车 ABS 与 AFS 集成控制算法

冯 冲, 丁能根, 何勇灵 138

基于最大回正力矩的轮-地摩擦因数估计法

李 遥, 张建武, 管西强 144

生命周期内冷水机组的环境影响及运行策略

蔡 亮, 邵晓炜, 马燕宾, 张小松, 杜 垲 150

一维等离子体非分裂场 PML 吸收边界条件研究

郑召文, 杨利霞, 蔡志超, 孔 娃, 施卫东 156

化学仪器与电子舌表征绿茶滋味感官品质的比较

吴瑞梅, 赵杰文, 陈全胜, 黄星奕 161

柚果皮果胶浸提过程及动力学分析优化设计

周存山, 余筱洁, 马海乐, 王允祥, 韩 平 166

基于改进投影寻踪技术和模糊神经网络的未受精种蛋检测模型

关海鸥, 杜松怀, 许少华, 左豫虎 171

有源电力滤波器双滞环电流控制新方法

陈兆岭, 刘国海, 魏明洋 178

无轴承异步电机最小二乘支持向量机逆解耦控制	杨泽斌, 孙晓东, 张新华, 朱焜秋, 刘贤兴 184
基于 FDK 反投影权重的锥束 DSA 重建算法	杨宏成, 高 欣, 张 涛 190
基于演化超网络的中文文本分类方法	王 进, 金理雄, 孙开伟 196
MIMO 系统中的迭代时变信道估计	陈东华, 赵 睿, 彭盛亮 202
激光毛化及该区域材料的力学性能试验	符永宏, 符 昊, 许 华, 王忠领, 杨守军 206
酵母/硅复合材料对铈(Ⅲ)的吸附性能及机理	黄卫红, 宋玉君, 欧红香, 卞维柏, 潘建明 212
熔融改性修复剂制备自修复环氧树脂复合材料及其性能	袁新华, 刘永强, 韩志锐, 许君尉, 陈燕秋, 胡 杰 217
松花江流域水环境 BOD-DO 模拟及参数分析	李 平, 马 放 222
焦化厂区环境空气中多环芳烃的气固分布特征	刘效峰, 彭 林, 白慧玲, 牟 玲, 宋翀芳 228
桁架结构可靠性优化设计的微分演化算法	胡长远, 唐和生, 薛松涛, 邓立新 234
风车安装船的站立稳定性数值分析	张永康, 李英杰, 王 匀, 倪 涛, 庄建军 239
模 n 剩余类环的零因子图的补图的类数	苏华东, 黄青鹤, 张桂宁 244

CONTENTS

Improvement of control strategy in hybrid brake system of electric vehicle
..... He Ren, Yu Jianbo, Wang Runcai(125)

Matching experiment of EV power-train parameters
..... Huang Wanyou, Cheng Yong, Cao Hong, Wang Hongdong(131)

Integrated control algorithm of ABS and AFS for automobile
..... Feng Chong, Ding Nenggen, He Yongling(138)

Estimation method of tire-road friction coefficient based on maximum aligning moment
..... Li Yao, Zhang Jianwu, Guan Xiqiang(144)

Life circle environmental assessment and operating control strategy of water chiller
..... Cai Liang, Shao Xiaowei, Ma Yanbin, Zhang Xiaosong, Du Kai(150)

Novel PML absorbing boundary condition of magnetized plasma
..... Zheng Zhaowen, Yang Lixia, Cai Zhichao, Kong Wa, Shi Weidong(156)

Quantitative evaluation comparison of sensory taste quality for green tea by chemistry instrument and electronic
tongue methods Wu Ruimei, Zhao Jiewen, Chen Quansheng, Huang Xingyi(161)

Optimization design based on kinetic model and extraction process of pectin from pomelo (*Citrus grandis*
L. Osbeck) fruit peel Zhou Cunshan, Yu Xiaojie, Ma Haile, Wang Yunxiang, Han Ping(166)

Detection model of un-fertilized egg based on improved projection pursuit and fuzzy neural network
..... Guan Haiou, Du Songhuai, Xu Shaohua, Zuo Yuhu(171)

A novel double hysteresis current control for active power filter
..... Chen Zhaoling, Liu Guohai, Wei Mingyang(178)

Decoupling control of bearingless induction motor with least squares support vector machine inverse
..... Yang Zebin, Sun Xiaodong, Zhang Xinhua, Zhu Huangqiu, Liu Xianxing(184)

DSA cone beam reconstruction algorithm based on backprojection weight FDK
..... Yang Hongcheng, Gao Xin, Zhang Tao(190)

Chinese text categorization based on evolutionary hypernetwork
..... Wang Jin, Jin Lixiong, Sun Kaiwei(196)

Iterative time-varying channel estimation for MIMO system
..... Chen Donghua, Zhao Rui, Peng Shengliang(202)

Experiment of laser texturing process and mechanical properties of textures
..... Fu Yonghong, Fu Hao, Xu Hua, Wang Zhongling, Yang Shoujun(206)

Adsorption behavior and mechanism of Ce(Ⅲ) on yeast/silica composite
..... Huang Weihong, Song Yujun, Ou Hongxiang, Bian Weibai, Pan Jianming(212)

Preparation and performance of self-healing epoxy resin composite with healing agent modified by melt reaction
..... Yuan Xinhua, Liu Yongqiang, Han Zhirui, Xu Junwei, Chen Yanqiu, Hu Jie(217)

BOD-DO simulation and parameter analysis of Songhua River watershed
..... Li Ping, Ma Fang(222)

Gas/particle distribution characteristics of polycyclic aromatic hydrocarbons in coke plant atmosphere
..... Liu Xiaofeng, Peng Lin, Bai Huiling, Mu Ling, Song Chongfang(228)

Differential evolution algorithm of reliability optimization for truss structure
..... Hu Changyuan, Tang Hesheng, Xue Songtao, Deng Lixin(234)

Numerical analysis on standing stability of wind turbine installation vessel
..... Zhang Yongkang, Li Yingjie, Wang Yun, Ni Tao, Zhuang Jianjun(239)

Genus of complement of zero-divisor graph for residue class modulo n
..... Su Huadong, Huang Qinghe, Zhang Guining(244)