

数学与计算机科学

- $GL(2, \mathbb{Z}[i])$ 的有限交换子群 刘军成 (233)
On conjugate class of all finite subgroups in $GL(2, \mathbb{Z}[i])$ LIU Juncheng
 R^3 中的 Laguerre 极小超曲面 余澜, 符欣悦 (241)
Laguerre minimal hypersurface in R^3 YU Lan, FU Xinyue
一类曲率流发展的渐近状态 蔡宝胜, 李光汉 (245)
Asymptotic behavior for one kind curvature flow CAI Baosheng, LI Guanghan
广义齐次 Poisson 过程的一个渐近性质及其在风险模型中的应用 毛泽春 (251)
A property of generalized homogeneous Poisson process and the application in risk models MAO Zechun
B 值拟鞅差阵列的收敛速度 万成高 (257)
Convergence rate for quasimartingale difference arrays in Banach spaces WAN Chenggao
平衡损失下回归系数的最优估计 胡桂开, 饶志勇, 虞先玉 (261)
The optimal estimations of regression coefficient under balanced loss function
..... HU Guikai, RAO Zhiyong, YU Xianyu
基于规则引擎的面向企业服务管理系统的应用设计 赵彤洲, 王海晖, 马帅军, 等 (265)
The design of the enterprise-service-oriented management system based on rules engine technology
..... ZHAO Tongzhou, WANG Haihui, MA Shuaijun, et al
SQL 注入的成因、检测和防范措施的研究 王时绘, 张希运 (269)
The research on the cause, detection and prevention methods of SQL injection
..... WANG Shihui, ZHANG Xiyun
基于混合 Petri 网的农业生产工作流建模研究 朱建东, 姜大庆, 蒋丽丽 (273)
The research of modeling for work flow based on hybrid Petri nets in agricultural production
..... ZHU Jiandong, QIANG Daqing, JIANG Lili

物理学与电子技术

- 计及所有长程库仑作用一维双原子链晶格振动的色散关系 陈志远, 戴国田, 谢菊芳, 等 (279)

目 次

2010 年 9 月 25 日出版

- Dispersion relation of one-dimensional diatomic chain Lattice vibration with long-range Coulomb interactions CHEN Zhiyuan, DAI Guotian, XIE Jufang, et al
液相混合法合成 CaAl_4O_7 研究 闫旭东, 黄楚云, 杨涛, 等(283)
Synthesis of CaAl_4O_7 via liquid mixing method YAN Xudong, HUANG Chuyun, YANG Tao, et al
船舵测试数据采集系统的设计与实现 宋甜, 谢菊芳, 雷俐殊, 等(287)
Design and realization of rudder testing and data acquisition system
..... SONG Tian, XIE Jufang, LEI Lishu, et al
 $\text{K}_{0.5}\text{Na}_{0.5}\text{NbO}_3$ 纳米管阵列的制备及其电学性能研究 钱哲理, 夏华婷, 刘莎莉, 等(290)
Fabrication and characterization of $\text{K}_{0.5}\text{Na}_{0.5}\text{NbO}_3$ nanotube arrays
..... QIAN Zheli, XIA Huating, LIU Shali, et al

化学与材料科学

- 锂离子电池正极材料 $\text{LiW}_x\text{V}_3\text{O}_8$ 的合成与性质研究 李丽, 李国华, 李华, 等(294)
Synthesis and properties of lithium-ion battery cathode material $\text{LiW}_x\text{V}_3\text{O}_8$
..... LI Li, LI Guohua, LI Hua, et al
M-ZSM-5 催化 α -蒎烯空气环氧化反应 齐奔, 鲁新环, 庞涛, 等(299)
Catalytic epoxidation of α -pinene with air over metals-containing ZSM-5
..... QI Ben, LU Xinhuan, PANG Tao, et al
新型金乙炔咔唑基配合物-钼磷酸纳米杂化 LB 膜的制备与光电性质 陈明, 柳利, 李名剑, 等(303)
A new gold conjugated alkynyl complex/polyoxometalate nanohybrid LB film:
preparation and optoelectronic properties CHEN Ming, LIU Li, LI Mingjian, et al
2-甲氧羰甲基-苯并吡嗪的聚乙二醇支载合成研究 冯春, 晏晓清, 卢翠芬, 等(307)
Synthesis of 2-(methoxy-carbonylmethyl)-benzopyrazine using poly(ethylene glycol) as soluble support
..... FENG Chun, YAN Xiaoqing, LU Cuifen, et al
高度支化聚氨酯/环氧树脂的合成与性能 刘丹, 曾少敏, 胡虔, 等(310)
Synthesis and properties of highly branched polyurethane/epoxy resin
..... LIU Dan, ZENG Shaomin, HU Qian, et al

CONTENTS

Journal of Hubei University Natural Science

Pr³⁺掺杂 Ge-Ga-S-KCl 硫卤玻璃的近红外发光研究 潘瑞琨, 章天金, 马志军, 等(314)
Near infrared photoluminescence of Ge-Ga-S-KCl glasses doped with Pr³⁺ ions

..... PAN Ruikun, ZHANG Tianjin, MA Zhijun, et al

生命科学与医药卫生

秀丽线虫基因敲除突变库中 *sec-10* 突变种系的筛选 李江丽, 张蓉颖(318)

Screening of *C. elegans sec-10* knockout strains from deletion mutant library

..... LI Jiangli, ZHANG Rongying

大鼠肝细胞膜胰岛素受体与胰岛素的相互作用 葛伊莉(323)

Interaction between insulin receptor and insulin in rat liver membrane GE Yili

一株谷氨酰胺合成酶高产菌株的酶学分析及其基因的克隆分析 肖钢, 邱鑫, 丁邦琴(326)

Analysis of a high glutamine synthetase producing *Arthrobacter globiformis* strain

..... XIAO Gang, QIU Xin, DING Bangqin

大别山主峰天堂寨地区蝶类资源及区系组成研究 许国权, 段海生, 刘亦仁(330)

Resources and fauna compositions of butterflies of Tiantangzhai area of Dabieshan main peak

..... XU Guoquan, DUAN Haisheng, LIU Yiren

益母草碱灭螺活性研究 吴俊, 唐万鹏, 孙启祥, 等(335)

Molluscicidal effect of leonurine against *Oncomelania hupensis*

..... WU Jun, TANG Wanpeng, SUN Qixiang, et al

地理学与环境科学

地震属性油气储层预测技术及其应用 郝骞, 张晶晶, 李鑫, 等(339)

Seismic attribute oil-gas reservoir prediction technology and its application

..... HAO Qian, ZHANG Jingjing, LI Xin, et al

机加工行业环境影响评价中常见污染源强估算及污染治理 许海萍, 刘琳, 任婷婷, 等(344)

General pollutants source intensity estimation on environmental impact assessment

in machine industry and pollution prevention XU Haiping, LIU Lin, REN Tingting, et al