

# 河南科学

2011年 第29卷 第1期

## 目次

一类带有扰动的非线性系统的自适应镇定 .....	肖霞 蒋里强 李玉新 卜春霞(1)
谱成正 $n$ 边形的复方阵的充要条件 .....	黄宝贞 贾利新(4)
关于边界层湍流能量耗散率的研究 .....	郝芹(6)
TiO <sub>2</sub> /AC 复合催化剂的制备及光催化性能研究 .....	杨琼芬 杨娜(10)
吡啶基双酰肼配合物的合成、结构和性能研究 .....	周映霞 原瑞芳 范彩玲 张鸿云 吴本来(13)
低分子量聚丙烯酰胺分散剂的合成研究 .....	李天仝 张彦昌 王冬梅 赵献增(17)
壳聚糖载药微球的制备和体外释放研究 .....	罗华丽 臧剑甬 张秀娟(20)
兰索拉唑在不同溶剂中的核磁共振波谱研究 .....	孟志凌 孙建民(25)
不同浓度氯化钙对非洲菊切花保鲜效果的研究 .....	李立升 张颖 孔德政(28)
有机磷降解菌的分离筛选及初步鉴定 .....	王继雯 甄静 谢宝恩 刘莹莹 李冠杰(31)
温度和 pH 对可口革囊星虫消化酶活力的影响 .....	陈艳乐 张永普 吴洪喜 贾守菊 应雪萍(35)
暴雨过程对不同深度土壤含水量的影响分析 .....	王二虎 全文伟 霍继超 王娟(40)
林业调查中地类面积遥感判读模型研究 .....	闫东锋 张忠义 唐卫平(44)
自流平粉煤灰混凝土抗折强度试验研究 .....	张清晓(49)
空旷砌体房屋的抗震鉴定与加固 .....	宋显锐 钱伟 宋团(52)
P-集合与隐形图像生成-还原 .....	谢维奇 翟璐璐(57)
基于多维体理论的生命线网络可靠性的不交和算法 .....	蒋锐 胡香玲(63)
天津电网黑启动过程中过电压研究 .....	张江红 仇乐 张杰 蒋吉元 仝志强(69)
变频调速控制在模拟降雨系统中的应用 .....	张慧玲(74)
基于粗糙集的机载电子设备故障检测专家系统的改进 .....	陈夏夏 陈静杰(77)
模糊故障树在土地适宜性评价质量控制中的应用分析 .....	支刚 袁希平 甘淑(80)
基于 IDRISI 的遥感影像土地利用类型提取——大连市经济技术开发区为例 .....	王智 王利(84)
基于三维 GIS 的校园火灾应急救援决策支持系统研究 .....	肖潇 朱大明 夏蓉(88)
进水配比对前置缺氧 A <sup>2</sup> O 工艺脱氮除磷处理的影响研究 .....	侯亚辉 高健磊 吕晶晶 郭姣 于建华(92)
基于 RS/GIS 的管道建设工程路线方案确定方法研究 .....	申艳萍 沈连峰 肖红 张旭 王谦(95)
城乡一体化视角下中原城市群产业结构研究 .....	刘勇 徐晓霞(99)
开封市城市竞争力演变研究 .....	胡彦纳 高建华 贺晓丽(104)
中国就业结构收敛问题研究 .....	王庆丰(108)
基于模糊层次分析法的供应链金融信用风险评价 .....	赵忠 李波(112)
我国居民消费价格指数灰色关联分析 .....	李玉红 许兴 李晔(117)
新农村建设中新型村镇规模问题探讨 .....	海贝贝 李小建(121)

期刊基本参数: CN 41-1084/N\*1982\*m\*16\*126\*zh\*P\*¥10.00\*1 000\*31\*2011-01

# HENAN SCIENCE

Vol.29 No.1 2011.1

## CONTENTS

Adaptive Stabilization of a Class of Nonlinear Systems With Disturbances .....	Xiao Xia et al(3)
Sufficient and Necessary Conditions for Complex Matrices with Regular Polygons as Spectrum .....	Huang Baozhen Jia Lixin(5)
Studies on Energy Dissipation Rate in Turbulent Boundary Layer .....	Hao Qin(9)
Research of Preparation and Performance of TiO <sub>2</sub> /AC Composite Catalyst .....	Yang Qiongfeng Yang Na(12)
Synthesis, Crystal Structure and Property Study of Complex of Dihydrazidate .....	Zhou Yingxia et al(16)
Study on Synthesis of Low Molecular Weight Poly-Acrylic Acid Ammonium Dispersant .....	Li Tianxian et al(19)
Preparation of Drug-Loaded Chitosan Microsphere and Research on Release in Vito .....	Luo Huali et al(24)
The Study of Lansoprazole by NMR in Different Solvents .....	Meng Zhiling Sun Jianmin(27)
Study on Preservation of Gerbera Cut-Flower Treated by Different Concentrations of CaCl <sub>2</sub> .....	Li Lisheng et al(30)
Isolation and Screening of Organic Phosphorus-Solubilizing Bacterium and Its Initial Identification .....	Wang Jiwen et al(34)
Effects of Temperature and pH on the Activities of Digestive Enzymes in <i>Phascolosoma Esculentum</i> .....	Chen Yanle et al(39)
The Rain-Storm Process Contains the Influence Analysis of Amount of Water on Different Depth Soil .....	Wang Erhu et al(43)
Research on Reading Model According to the Round Area in the Forest Management Inventory .....	Yan Dongfeng et al(48)
Investigation on the Test of Flexural Strength of Self-Compacting Fly-Ash Concrete .....	Zhang Qingxiao(51)
Seismic Appraisal and Strengthening of Spacious Masonry Buildings .....	Song Xianrui et al(56)
<i>P</i> -set and Implicit Image Generation-reduction .....	Xie Weiqi Zhai Lulu(62)
A Disjoint Algorithm for Lifeline Network Reliability Based on Multidimensional Cube Theory .....	Jiang Rui Hu Xiangling(68)
Overvoltage Study on Black-Start Process of Tianjin Power Grid .....	Zhang Jianghong et al(73)
An Application of Frequency Control in a Simulated Rain System .....	Zhang Huiling(76)
The Improvement of Airborne Electronic Equipment Fault Diagnosis Expert System Based on Rough Set .....	.....
.....	Chen Xiaxia Chen Jingjie(79)
Analyzing the Application of Fuzzy Fault Tree in Controlling the Quality of Land Suitability Evaluation .....	Zhi Gang et al(83)
Extraction of Land Use from Remote Sensing Images in Dalian Economic and Technological Development Zone Based on IDRISI .....	.....
.....	Wang Zhi Wang Li(87)
Based on 3D GIS Campus Fire Emergency Rescue Decision Support System Research .....	Xiao Xiao et al(91)
Study the Removal of Nitrogen and Phosphorus of the Pre-Anoxia A <sup>2</sup> /O on Different Ratio of Influent Distribution .....	.....
.....	Hou Yahui et al(94)
Pipe-Line Construction Project Route Plan Determination Method Based on the "3S" Technology .....	Shen Yanping et al(98)
Research on the Industrial Structure of Central Plains Agglomeration on Urban-Rural Integration .....	Liu Yong Xu Xiaoxia(103)
Temporal Evolution of Urban Competitiveness of Kaifeng City .....	Hu Yanna et al(107)
Research on the Convergence of Chinese Employment Structure .....	Wang Qingfeng(111)
Credit Risk Evaluation of the Supply Chain Finance Based on FAHP Method .....	Zhao Zhong Li Bo(116)
The Grey Correlation Analysis on CPI of Chinese Residents .....	Li Yuhong et al(120)
The Scale of New Town at New Rural Construction .....	Hai Beibei Li Xiaojian(126)