

西南师范大学学报

(自然科学版)

第 41 卷 第 11 期

总第 236 期

2016 年 11 月 20 日出版

目次

• 基础研究 •

一类退化分布参数系统的最优控制问题	张敬, 芦雪娟, 宋君宇 (001)
一类具有脉冲和收获率的 Lotka-Volterra 合作系统的 4 个正概周期解	姚晓洁, 秦发金 (007)
无界域上带加法噪音扰动的 Benjamin-Bona-Mahony 方程在高正则空间上的随机吸引子的 上半连续性	王仁海, 余连兵, 李扬荣 (015)
改进的无约束多目标优化记忆梯度法	李文婷, 徐尔 (020)
三角矩阵环及其上模的同调性分析	马纪英, 陈文燕, 于金青 (025)
利用原子力显微镜对植物减数分裂期染色体成像初探	曹帅, 党江波, 何桥, 郭启高, 梁国鲁 (030)
公共服务视野下城市运动休闲的运行机制研究	李杉, 唐迅 (035)
菜园土壤和蔬菜中 Pb,Cd,Hg 和 As 的质量分数及相关性研究	黄朝冉, 江玲, 徐卫红, 王卫中, 陈永勤, 迟荪琳, 陈序根, 熊治庭, 张进忠, 王正银, 谢德体 (040)
重庆市岩溶区不同石漠化程度下土壤磁化率特征分析	王勇, 蔡云锋, 李果, 刘梦娇, 张耀华 (049)

• 应用研究 •

路表径流冲刷过程中透水沥青道路的污染物释放与截留特性研究	王小平, 赵登梅, 谭雪梅, 刘阳, 傅敏 (056)
求解柔性车间作业调度的改进人工免疫算法	王英彦, 曾瑞, 方锦明, 徐会彬 (062)
基于仿人智能的塑胶压模工件成型过程控制	倪元敏 (068)
基于稀疏组 Lasso 与支持向量机的肺结节 CT 征象自动标注	巩萍, 沈沅芷, 朱红 (073)

基于蚂蚁导航的未知环境下机器人路径滚动规划算法	徐守江 (080)
中国国花历史溯源探究	温跃戈, 孔海燕, 张启翔 (087)
山地综合医院用地条件与空间序列的关系	戴梦迪, 张建林 (093)
人的行为与高差处理模式的关系研究	李月文, 周建华 (101)
历史文化街区公共环境设施应用探讨	
——以重庆磁器口古镇为例	王敏菡, 周建华 (107)
基于功能变迁的重庆市博物馆外环境分析与设计策略	刘 春, 陈教斌, 刘 磊 (115)
重庆市植被指数与高度/坡度的关系研究	陈艳英, 游扬声, 唐云辉, 张建平 (122)
永川区生态文明建设评价指标体系研究	肖 强, 冯沈萍, 钱 凤 (130)
中国天生国际化企业外汇衍生工具的使用对业绩影响的实证分析	梁 清 (135)
基于 ESN 分析理论的上市公司关联并购绩效变化研究	何保定 (142)
基于嵌入式 Linux 的运动目标跟踪视频监控系统	杨 夏 (148)
基于多属性决策理论的文本信息挖掘技术研究	孙平安, 谭秋月 (155)
数据挖掘中的属性选择偏差抑制算法研究	潘大胜, 屈迟文, 吴再群 (160)
一种基于 HVS 的 DWT 数字水印算法研究	陆 璐, 杨志献, 姜永亮 (165)
IEEE802.15.4 传感网络一种降低 RDC 路由协议	曹 斌, 刘 栓 (170)
基于 IPv6 存储集群网络模块的设计及应用研究	张 旭 (177)
不同厂家豆豉理化指标及降血压 ACE 抑制活性的测定与评价	苏现波, 尚会霞 (182)

• 教学研究与改革 •

C++面向对象程序设计教学改革与实践	何国斌, 吴春明 (189)
园林专业植物类课程实践教学情境的创建	
——以长效混合花境的营造为例	唐 茜 (194)
基于认知顺序的高职教育课程体系的创新研究	
——以工业分析技术专业为例	吴明珠, 傅深娜, 周永福, 黄琼俭, 李 应 (200)

JOURNAL OF SOUTHWEST CHINA NORMAL UNIVERSITY (NATURAL SCIENCE EDITION)

Vol. 41 No. 11

Total No. 236

Nov. 20, 2016

CONTENTS

On Problems of Optimal Control for a Class of Degenerate Distributed Parameter System

..... ZHANG Jing, LU Xue-juan, SONG Jun-yu (001)

On Four Positive Almost Periodic Solutions to a Lotka-Volterra Cooperative System with Impulses and Harvesting Terms

..... YAO Xiao-jie, QIN Fa-jin (007)

On Upper Semi-continuity of Random Attractors in High Regular Space for Benjamin-Bona-Mahony Equation Perturbed

by Additive Noise on Unbounded Domains WANG Ren-hai, SHE Lian-bing, LI Yang-rong (015)

A Modified Memory Gradient Method for Unconstrained Multiobjective Optimization LI Wen-ting, XU Er (020)

On Coherent Analysis of Triangular Matrix Rings and Modules MA Ji-ying, CHEN Wen-yan, YU Jin-qing (25)

A Preliminary Study on Imaging of Plant Meiotic Chromosomes by Atomic Force Microscopy

..... CAO Shuai, DANG Jiang-bo, HE Qiao, GUO Qi-gao, LIANG Guo-lu (030)

On Operational Mechanism of City Sport Leisure under the Background of Public Service LI Shan, TANG Xun (035)

On Contents of Pb, Cd, Hg and As in Vegetables and Soil and Their Relations HUANG Chao-ran,

JIANG Ling, XU Wei-hong, WANG Wei-zhong, CHEN Yong-qin,

CHI Sun-lin, CHEN Xu-gen, XIONG Zhi-ting, ZHANG Jin-zhong, WANG Zheng-yin, XIE De-ti (040)

On Soil Magnetic Susceptibility of Karst District of Chongqing under Different Rocky Desertification ... WANG Yong,

CAI Yun-feng, LI Guo, LIU Meng-jiao, ZHANG Yao-hua (49)

On Characteristics of Pollutant Release and Retention of Permeable Asphalt Road in Surface Runoff Wash Process

..... WANG Xiao-ping, ZHAO Deng-mei, TAN Xue-mei, LIU Yang, FU Min (056)

On Improved Artificial Immune Algorithm for Flexible Ob-Shop Scheduling Problem WANG Ying-yan,

ZENG Rui, FANG Jin-ming, XU Hui-bing (062)

On Control of Forming Process for Press Mould Work-Pieces in Plastic Cement Based on Human-Simulated Intelligence

..... NI Yuan-min (068)

On Automatic Annotation of Lung Nodule CT Signs Based on Sparse Group Lasso and Support Vector Machine

..... GONG Ping, SHEN Yuan-zhi, ZHU Hong (073)

On Path Rolling Planning for Robot in Unknown Environment Based on Ant Navigation	XU Shou-jiang (080)
Study on the History of Chinese National Flowers	WEN Yue-ge, KONG Hai-yan, ZHANG Qi-xiang (087)
On Relationship Between Land Conditions and Space Sequences of Mountain Typed Comprehensive Hospitals	DAI Meng-di, ZHANG Jian-lin (093)
On Relationship Between Human Behavior and Treatment Mode of Terrain Elevation ...	LI Yue-wen, ZHOU Jian-hua (101)
On Applied Discussion of Public Environmental Facilities in Historic Conservation Area ——A Case Study in Ciqikou, Chongqing	WANG Min-han, ZHOU Jian-hua (107)
On Analysis and Design of Outside Environment of Museums in Chongqing Based on Function Evolvement	LIU Chun, CHEN Jiao-bin, LIU Lie (115)
On Relationship Between Vegetation Index and Height/Slope in Chongqing	CHEN Yan-ying, YOU Yang-sheng, TANG Yun-hui, ZHANG Jian-ping (122)
On Evaluation Index System of Construction of Ecological Civilization in Yongchuan District	XIAO Qiang, FENG Shen-ping, QIAN Feng (130)
On Empirical Analysis of Impact of Foreign Exchange Derivatives on Performance of Chinese Born-global Firms	LIANG Qing (135)
On Performance Change of Listing Corporations Related Mergers and Acquisitions Based on Theory of ESN Analysis	HE Bao-ding (142)
Moving Target Tracking Video Monitoring System Based on Embedded Linux	YANG Xia (148)
On Text Information Mining Technology Based on Multi-Attribute Decision Theory	SUN Ping-an, TAN Qiu-yue (155)
On Deviation Suppression of Attribute Selection in Data Mining	PAN Da-sheng, QU Chi-wen, WU Zai-qun (160)
On DWT Digital Watermarking Algorithm Based on HVS	LU Lu, YANG Zhi-xian, JIANG Yong-liang (165)
On a Routing Protocol to Reduce RDC in IEEE802. 15. 4 Sensor Networks	CAO Bin, LIU Shuan (170)
On Design and Application of Network Module Based on IPv6 Storage Cluster	ZHANG Xu (177)
On Determination and Evaluation of Physicochemical Index Including Nutritional Components and ACE Inhibitory Activity of Douchi from Different Producers	SU Xian-bo, SHANG Hui-xia (182)
On Teaching Reform and Practice of C++ Object-Oriented Programming	HE Guo-bin, WU Cun-ming (189)
Creating a Practical Teaching Situation of Plant-Based Courses in Landscape Architecture ——A Case Study of Creating a Long-Term Mixed Flower Border	TANG Qian (194)
On Innovation of Curriculum System of Higher Vocational Education Based on Cognitive Order ——Taking Industrial Analysis and Test Specialty as an Example	WU Ming-zhu, FU Shen-na, ZHOU Yong-fu, HUANG Qiong-jian, LI Ying (200)