

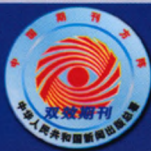
中国中文核心期刊 中国期刊方阵期刊 全国高校优秀学报 重庆市十佳科技期刊

ISSN 1000-5471

CN 50-1045/N

西南師範大學學報

JOURNAL OF SOUTHWEST CHINA NORMAL UNIVERSITY



自然科学版

NATURAL SCIENCE EDITION

XINAN SHIFAN DAXUE XUEBAO
ZIRANKEXUEBAN



第37卷第9期

Vol.37 No.9

2012

中国重庆 CHONGQING CHINA

西南师范大学学报

(自然科学版)

第 37 卷 第 9 期

总第 186 期

2012 年 9 月 20 日出版

目 次

· 基础研究 ·

- 一类具阻尼项和连续分布滞量的偶数阶中立型方程的振动性 林文贤 (001)
- 大规模绝对值等式问题的势下降内点算法 雍龙泉 (004)
- 一类具有耦合边界项的多孔介质方程组的临界曲线 (英文稿) 李玉环, 宋小军, 穆春来 (009)
- 二阶非自治离散 Hamiltonian 系统的多重周期解 张申贵 (013)
- 求解二阶变系数椭圆边值问题的代数两网格法 李 明, 崔向照, 李郴良 (019)
- C^∞ 偶函数的 Whitney 引理 吴兴玲 (024)
- 量子尺寸效应诱导的选择性分子吸附和自组装结构
..... 蔡田田, 孙 凯, 谢佳乐, 唐涛良, 王俊忠 (028)
- 光学微腔对光子激子系统玻色凝聚温度和热容量的影响 龙晓霞 (032)

· 应用研究 ·

- 基于积分评价的个性化网络平台设计与实践 邹显春, 吴春明, 李盛瑜, 胡晨晓 (038)
- 基于 Pareto 适应度的混合遗传算法在多式联运问题中的应用
..... 盛景军, 王 晴, 侯立峰, 朱海洋 (043)
- 基于 Pi 演算的 SDLO 学习服务建模研究 李 静 (048)
- 软硬结合打造网上稿件处理系统的安全防线 张 桢, 王煜东 (052)
- 重庆绿化建设中传统园林艺术的回归 孙春红, 魏勇军 (056)
- 基于美景价值原生性分析的长江三峡旅游共生体解构研究 牟 红, 班倩倩 (061)
- 重庆市不同功能区苔藓植物重金属含量及吸附特性研究
..... 李进猛, 王定勇, 陈 益, 刘 超, 张迪男, 魏 琴 (068)
- 亚热带几种典型林被下土壤微生物对比研究 宋鹏阳, 周国新, 杨水平, 李 勇 (074)

不同兼业类型农户的居民点用地选址及影响因素研究 潘 娟，邱道持，尹 娟 (080)

基于 ArcGIS 的乡级土地利用规划数据库建设研究 袁小燕，王 满，花晓波 (085)

基于无轴传动的卷筒纸印刷机套色控制系统的分析与仿真 杨 梅 (092)

基于近红外与拉曼光谱的甲醇汽油定量分析 欧阳爱国，刘 军 (098)

汽车 ESP 系统的控制策略及硬件在环仿真 张 勇，李 鑫，欧 健，王林峰，石智卫 (102)

一种改进的回声隐藏算法 胡大辉，杜治国 (109)

(S)-脱氢脯氨酸衍生物的合成 梁国娟，张淑蓉 (115)

Hantzsch A. 反应在组胺测定中的应用研究 张建霞，刘希东，郭 惠，叶媛媛，李原芳 (118)

对民俗体育文化传承、保护的思考——基于民间庙会视角 杨领航 (122)

普通高校开展手球运动的现状调查与对策研究——以重庆市为例 郭 礼，李 征 (126)

• 教学研究与改革 •

确定原子（离子）基态的一种新方法——坐标法 王文贇，魏小平，刘晓斌，师应龙 (130)

高校化学实验课程“网络化教学辅助设计系统”的建构与探讨 王 强，王 榛，李 玲 (135)

民办高校创新创业教育课程体系的构建与实践 郑瑞伦，翟晓川，唐靖云，秦忠兰 (142)

药理学实验课探究式教学的实践与运用 张 锋，聂 晶，杨丹莉 (148)

机械工程 CDIO 特色专业培养模式研究与探索 区嘉洁，王一军，江 帆 (152)

基于西部高校的服装结构设计课程改革 杨 柳 (157)

**JOURNAL OF SOUTHWEST CHINA
NORMAL UNIVERSITY
(NATURAL SCIENCE EDITION)**

Vol. 37 No. 9

Total No. 186

Sep. 20, 2012

CONTENTS

On Oscillation for Certain Even Order Neutral Equations with Damping Terms and Continuously Distributed Delay	LIN Wen-xian (001)
Potential Reduction Interior Point Algorithm to Large Scale Absolute Value Equations	YONG Long-quan (004)
Critical Curves for a Porous Medium System Coupled via Nonlinear Boundary Flux	LI Yu-huan, SONG Xiao-jun, MU Chun-lai (009)
On Multi-Periodic Solutions of Non-Autonomous Second Order Discrete Hamiltonian System	ZHANG Shen-gui (013)
An Algebraic Two-Grid Method for Second Order Elliptic Boundary of Variable Coefficient	LI Ming, CUI Xiang-zhao, LI Chen-liang (019)
Whitney's Lemma of C^∞ Even Functions	WU Xing-ling (024)
On Selective Molecular Adsorption and Self-Assembly Induced by Quantum Size Effect	CAI Tian-tian, XIE Jia-le, SUN Kai, TANG Tao-liang, WANG Jun-zhong (028)
Impact of Optical Microcavity on Temperature and Heat Capacity of Bose Condensation in Photon-Exciton System	LONG Xiao-xia (032)
Design and Implementation of Personalized Network Learning Platform on the Basis of the Integral Evaluation	ZOU Xian-chun, WU Chun-ming, LI Sheng-yu, HU Chen-xiao (038)
On Application of Pareto Fitness Genetic Algorithm in Multimodal Transport	SHENG Jing-jun, WANG Qing, HOU Li-feng, ZHU Hai-yang (043)
On Modeling SDLO Learning Services Based on Pi Calculus	LI Jing (048)
On Security of Online Manuscript Management System Based on Software and Hardware	ZHANG Xun, WANG Yu-dong (052)
On Return of the Traditional Garden Art in Forestation of Chongqing	SUN Chun-hong, WEI Yong-jun (056)
On Deconstruction of the Three Gorges Tourism Symbiosis Based on Beauty Value Analysis of Original Landscape	MU Hong, BAN Qian-qian (061)
Heavy Metal Contents of Bryophytes and Their Adsorption Characteristics in Different Functional Zones of Chongqing	LI Jin-meng, WANG Ding-yong, CHEN Yi, LIU Cao, ZHANG Di-nan, WEI Qin (068)

Comparative Studies of Soil Microbes under Several Typical Subtropical Forest Vegetations
..... SONG Peng-yang, ZHOU Guo-xin, YANG Shui-ping, LI Yong (074)

On Location of Residential Spot Based on Different Household Patterns PAN Juan, QIU Dao-chi, YIN Juan (080)

On Construction of Database for Town-Level Land Use Based on ArcGIS
..... YUAN Xiao-yan, WANG Man, HUA Xiao-bo (085)

On Analysis and Simulation of Register Control System in Shaftless Web Press YANG Mei (092)

On Quantitative Analysis of Methanol Content in Methanol Gasoline by Near Infrared and
Raman Spectroscopy OU-YANG Ai-guo, LIU Jun (098)

On Control and Hardware-In-the-Loop Simulation in ESP System
..... ZHANG Yong, LI Xin, OU Jian, WANG Lin-feng, SHI Zhi-wei (102)

An Improved Algorithm for Echo Hiding HU Da-hui, DU Zhi-guo (109)

On Synthesis of Two Dehydrogenation Proline Derivatives LIANG Guo-juan, ZHANG Shu-rong (115)

On Application of Hantzsch A. Reaction in Determination of Histamine
..... ZHANG Jian-xia, LIU Xi-dong, GUO Hui, YE Yuan-yuan, LI Yuan-fang (118)

On Inheritance and Protection of Folk Sports——A Case Study of Temple Fairs YANG Ling-hang (122)

On Survey and Counter-Measures of Handball Sport in Institutions of Higher Education;
A Case Study in Chongqing GUO Li, LI Zheng (126)

On Coordinate Method; a New Method of Determining Atomic (Ionic) Ground State
..... WANG Wen-ze, WEI Xiao-ping, LIU Xiao-bin, SHI Ying-long (130)

On Construction of “Network Teaching Assistant Design System” in College Chemistry
Experiment Curriculum WANG Qiang, WANG Zhen, LI Ling (135)

On Construction and Practice of Innovative Entrepreneurship Education Curriculum in
Private Universities ZHENG Rui-lun, ZHAI Xiao-chuan, TANG Jing-yun, QIN Zhong-lan (142)

On Practice and Application of Inquiry Method in Pharmacology Experiment Teaching
..... ZHANG Feng, NIE Jing, YANG Dan-li (148)

On Cultivation of CDIO Training Mode in Mechanical Engineering QU Jia-jie, WANG Yi-jun, JIANG Fan (152)

On Reform of Fashion Structure Design Education Based on Western Universities in China YANG Liu (157)