

西南师范大学学报 (自然科学版)

第 43 卷 第 10 期

总第 259 期

2018 年 10 月 20 日出版

目 次

• 基础研究 •

- 有限群的 SS -可补子群 常 健, 刘建军 (001)
恰有 10 个非正规子群的有限幂零群 范 睿, 陈贵云 (005)
 $G_x I$ -内射模 魏佳玲, 杨晓燕 (009)
一类格子区组设计的存在性 王成敏, 单金忻, 严 洁 (013)
基于特征方程的某些图双概率可靠性的统一形式 刘 莹, 唐晓清, 王双成 (018)
一类带线性项非局部问题解的存在性与非存在性 贾秀玲, 段 誉 (022)
具有可反测地线奇异的 (α, β) -度量 刘丽红, 陈光祖 (026)
关于局部对称空间的几个 Pinching 定理 朱 华, 陈 梦 (031)

• 应用研究 •

- 基于生态位理论的广西区域旅游协调发展研究 韦福巍, 黄荣娟, 时朋飞 (035)
AM 宿主植物金银花对喀斯特干湿交替的光合响应 张 静, 宋海燕,
赵雅洁, 马 眯, 李 周, 刘锦春 (043)
讨论方式对目击证人记忆的影响 姚海娟, 刘馨怡, 陈美伶, 黄如禹 (050)
1644—1911 年云贵地区旱涝灾害的周期特征以及对太阳黑子活动的响应 蒋婷婷, 毕硕本,
鲁 颖, 赵 峰, 孙 力 (056)
基于大数据的南京市共享单车时空特征研究 周 超, 周亚男, 李振世, 杨泽航 (066)
基于块稀疏信号重构的高分辨率 ISAR 成像算法 冯俊杰, 张 弓 (074)

- 无机-有机改性土物理力学性能试验研究 杨兴据, 王森佩, 唐诗宇, 鲍安红, 唐 强 (080)
- 基于身份的并行增量移动云存储方案 柯 钢 (087)
- 移动自组织网络中社会关系感知的路由方法 陈 轼 (097)
- 基于机器学习的多源遥感影像融合土地利用分类研究 陈磊士, 赵俊三,
李 易, 朱祺夫, 许 可 (103)
- DFM 视域下有氧运动干预对硕士研究生心理健康影响探究 张 涛, 裴甜甜, 吴鸿春 (112)
- 规范高校易制毒化学品安全管理的对策研究 周亚宾, 华 进, 陈 彤, 李洪军, 贺稚非 (119)
- 国际马拉松运动热点研究主题演进的可视化分析
——基于 CiteSpaceII 软件共词聚类的应用 韩 慧, 郑家鲲, 宋亚刚 (126)
- 中学生体育锻炼与自尊、目标取向和久坐行为的研究 刘华波 (137)
- 警察的健身参与行为:一项区域性调查研究 蓝 怡 (143)
- 四川省山区农业休闲旅游资源的开发与策略研究 赵 波, 周楠锋, 苟婷婷 (150)

• 教学研究与改革 •

- 在实验型通识课中实施互动模式的安全教育研究 刘雪梅, 胡钟艺, 黄宇琪, 胡昌华 (154)
- 基于“双维度”的大学生学习参与行为研究 丁思丹, 屈廖健 (157)
- CBL 教学法融合教材改革的人体解剖生理学教学模式研究 傅 珊, 任 巧, 祝慧凤 (165)
- 研究性学习在线性变换教学中的应用 喻厚义, 唐 康 (168)
- 基于研究趋势和人才需求分析的研究生培养探讨
——以上海理工大学交通工程学科为例 赵 靖, 韩 印, 严 凌 (173)
- 新时代民族地区特色体育校本课程开发的实证研究
——以卡蒲毛南族“斗地牯牛”为例 冯发金 (179)

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

Vol. 43 No. 10

Total No. 259

Oct. 20, 2018

CONTENTS

- On SS-Supplemented Subgroups of Finite Groups CHANG Jian, LIU Jian-jun (001)
- On Finite Nilpotent Groups Having Exactly Ten Non-Normal Subgroups FAN Rui, CHEN Gui-yun (005)
- G_xI -Injective Module WEI Jia-ling, YANG Xiao-yan (009)
- On Existence of a Class of Grid-block Designs WANG Cheng-min, SHAN Jin-xin, YAN Jie (013)
- Uniform Form of Some Graphs' Two Probability Reliability Based on Characteristic Equation LIU Ying,
TANG Xiao-qing, WANG Shuang-cheng (018)
- Existence and Nonexistence of Solutions for a Class of Nonlocal Problems with Linear Term
..... JIA Xiu-ling, DUAN Yu (022)
- On Singular (α, β) -Metrics with Reversible Geodesics LIU Li-hong, CHEN Guang-zu (026)
- Several Pinching Theorems on Locally Symmetric Space ZHU Hua, CHEN Meng (031)
- On Regional Tourism Coordinated Development in Guangxi Based on Niche Theory WEI Fu-wei,
HUANG Rong-juan, SHI Peng-fei (035)
- Effects of AM Fungi on Photosynthetic Capacity of *Lonicera Hypoglauca* under Dry and Wet Alternation in
Southwest Karst Area ZHANG Jing, SONG Hai-yan, ZHAO Ya-jie, MA Ye, LI Zhou, LIU Jin-chun (043)
- On Influence of Type of Discussion on Eyewitness Memory YAO Hai-juan, LIU Xin-yi,
CHEN Mei-ling, HUANG Ru-yu (050)
- Periodic Characteristics of Drought and Flood in Multiple Time Scales and Response to Sunspot Activity in Yunnan-Guizhou
Area from 1644 to 1911 JIANG Ting-ting, BI Shuo-ben, LU Ying, ZHAO Feng, SUN Li (056)
- On Space-Time Characteristics of Shared Bikes in Nanjing Based on Big Data ZHOU Chao,
ZHOU Ya-nan, LI Zhen-shi, YANG Ze-hang (066)
- High Resolution ISAR Imaging Algorithm Based on Block Sparse Signal Recovery ... FENG Jun-jie, ZHANG Gong (074)

- On Physical and Mechanical Properties of Inorganic-Organic Modified Soil YANG Xing-ju, WANG Sen-pei,
TANG Shi-yu, BAO An-hong, TANG Qiang (080)
- Parallel Incremental Mobile Cloud Data Storage Scheme on Identity-Based Cryptography KE Gang (087)
- A Routing Approach in Mobile Ad-Hoc Networks Considering the Social Relation CHEN Ke (097)
- On Land Use Classification by Means of Machine Learning Based on Multi-source Remote Sensing Image Fusion
..... CHEN Lei-shi, ZHAO Jun-san, LI Yi, ZHU Qi-fu, XU Ke (103)
- On Effect of Aerobic Exercise Intervention on Mental Health of Postgraduates under DFM ZHANG Tao,
PEI Tian-tian, WU Hong-chun (112)
- Study on Regulation and Management of Precursor Chemicals in University Laboratories ZHOU Ya-bin,
HUA Jin, CHEN Tong, LI Hong-jun, HE Zhi-fei (119)
- A Visualization Analysis of Hotspot Research Theme Evolution of International Marathon
—Based on the Application of Citespace II Software Word Clustering HAN Hui,
ZHENG Jia-kun, SONG Ya-gang (126)
- Study on Physical Exercise and Self-Esteem, Goal Orientation and Sedentary Behavior of Middle School Students
..... LIU Hua-bo (137)
- Police's Fitness Participation:A Regional Survey Study LAN Yi (143)
- On Development and Strategies Regarding Agricultural and Leisure Tourism Resources in Sichuan Mountainous Areas
..... ZHAO Bo, ZHOU Nan-feng, GOU Ting-ting (150)
- On Interaction Model of Safety Education in Experimental General Education Courses LIU Xue-mei,
HU Zhong-yi, HUANG Yu-qi, HU Chang-hua (154)
- On College Students' Learning Engagement Behavior Based on Two Dimensions DING Si-dan, QU Liao-jian (157)
- On Teaching Reform of Human Anatomy and Physiology with CBL Teaching Method and Teaching Material Reform
..... FENG Shan, REN Qiao, ZHU Hui-feng (165)
- Applications of Inquiry Learning in Teaching of Linear Transformations YU Hou-yi, TANG Kang (168)
- Discussion on Postgraduate Education Based on Research Trends and Talent Demand Analysis: A Case Study of Traffic
Engineering Discipline in University of Shanghai for Science and Technology ZHAO Jing,
HAN Yin, YAN Ling (173)
- An Empirical Study on School-Based Special Sports Curriculum Development in Minority Areas
—Take Bull-Like Fight among Maonan People in Kapu as an Example FENG Fa-jin (179)