

中国科技核心期刊
德国《数学文摘》(ZM)
JST 日本科学技术振兴机构数据库
美国EBSCO学术数据库



首都师范大学学报

(自然科学版)

JOURNAL OF CAPITAL NORMAL UNIVERSITY
(NATURAL SCIENCE EDITION)

首都师范大学学报(自然科学版)

二〇二二年

第四十三卷

第六期



ISSN 1004-9398
CN 11-3189/N

2022年 12月 第43卷 第6期

首都师范大学学报(自然科学版)

Shoudu Shifan Daxue Xuebao(Ziran Kexue Ban)

2022年12月

第43卷 第6期

目 次

研究论文

- Hilbert空间中关于有限时滞随机发展方程的Trotter-Kato逼近体系·····刘 明,戴凌飞,张 霞(1)
- 具有Robin边界的坏死核非线性肿瘤生长模型整体解的存在性·····吴 攸(8)
- 气流中变截面柔性矩形薄板的动力特性分析·····韩明君,李金佩,席小峰,范就星(14)
- 对低质量X射线双星4U 1636-53中mHz QPO中子星表面热辐射的研究·····庄千锋(22)
- 优势作物空间特征分析:以辽宁省4种主要粮食作物为例·····曹永强,李可欣,姜雪梅,杨雪婷(27)
- 2017—2020年四川省食品安全监督抽检结果分析及时空聚集性研究·····
·····蒋燕舒,刘玲君,李道霞,王 健,李仁伟(37)
- 一种GNSS测码伪距绝对定位求解方法·····常占强,刘家喜,钱淑君,张妍欣,郑浩鑫(46)
- 山地运动旅游行为意向及影响因素研究:以云南省高校学生为例·····徐 琦,杨 萍,陶 犁(50)

教育动态

- 基于多类型分析的高中数学自我监控能力研究·····张令伟,陈兰新,连四清,屈宏宽(58)
- 课程思政视域下运筹学教学现状与建设路径探究·····刘 江,孙小军(63)
- 中学有机化学史相关内容的时空架构及教学建议·····吴晗清,朱梦珂,吴涵挚(69)
- 基于核心素养视角下的中学自然地理户外研学方案设计:以太原市东山为例·····
·····董 苗,赵燕翘,王晓旭,钞锦龙,刘 敏(77)
- 基于课堂和实践技能的植物地理学教学改革·····贾瑞莹,张凌楠(85)

述评

- “功和机械能”前概念研究进展·····童大振,潘苏东,包 雷(89)
- 《首都师范大学学报(自然科学版)》2022年总目次·····(97)

Journal of Capital Normal University

(Natural Science Edition)

Vol.43 No.6

Dec. 2022

Contents

Research Article

- Trotter-Kato approximations of stochastic evolution equations with finite delays in Hilbert Space
..... LIU Ming, DAI Lingfei, ZHANG Xia (1)
- Existence of global solution for necrotic core nonlinear tumor growth model with Robin free boundary
..... WU You (8)
- Dynamic characteristic analysis of flexible rectangular thin plate with variable cross section in airflow
.....HAN Mingjun, LI Jinpei, XI Xiaofeng, FAN Jiuxing (14)
- Investigation in the surface thermal radiation of neutron-stars during mHz QPO in low-mass X-ray binary 4U
1636-53ZHUANG Qianfeng (22)
- Spatial characteristics of dominant crops: a case study of four major grain crops in Liaoning Province
..... CAO Yongqiang, LI Kexin, JIANG Xuemei, YANG Xueting (27)
- Space-time clustering study on the food safety supervision and sampling inspection of Sichuan Province from
2017 to 2020JIANG Yanshu, LIU Lingjun, LI Daoxia, WANG Jian, LI Renwei (37)
- A novel solution method for absolute GNSS positioning with code pseudo-range
.....CHANG Zhanqiang, LIU Jiayi, QIAN Shujun, ZHANG Yanxin, ZHENG Haoxin (46)
- Study on behavioral intention and influencing factors of mountain sports tourism: a case study of college
students in Yunnan Province XU Qi, YANG Ping, TAO Li (50)

Education Trends

- Research on the current situation of high school students' self-monitoring ability based on multi-type analysis
..... ZHANG Lingwei, CHEN Lanxin, LIAN Siqing, QU Hongkuan (58)
- Current situation and construction path of Operations Research teaching from the perspective of curriculum
ideological and politics LIU jiang, SUN Xiaojun (63)
- Space-time structure and teaching suggestions of organic chemistry history in middle school
.....WU Hanqing, ZHU Mengke, WU Hanzhi (69)
- Design of Geography outdoor experiences in middle school based on the perspective of core literacies: taking
East Mountain of Taiyuan city as an example
..... DONG Miao, ZHAO Yanqiao, WANG Xiaoxu, CHAO Jinlong, LIU Min (77)
- Teaching reform of plant geography based on classroom and practical skillJIA Ruixuan, ZHANG Lingnan (85)

Review

- A review of the preconceptions of "work and mechanical energy"TONG Dazhen, PAN Sudong, BAO Lei (89)
- Index of Summary Contents (2022) of *Journal of Capital Normal University (Natural Science Edition)* (101)