

南京师大学报

(自然科学版)

第 46 卷 第 4 期(总第 176 期)

2023 年 12 月

目 次

· 数学 ·

- 三角代数上 Jordan 同构的刻画 刘丹, 张建华, 宋明亮(1)
基于双圈图 GA_2 指标的分析 刘晚乔, 赵飚(5)
路因子临界覆盖图存在的若干充分条件 袁园(11)
带非线性扩散的趋化-趋触模型解的大时间行为 刘锦涛, 贾哲(17)

· 化学 ·

- 泡核桃青果贮藏期间生理指标响应 梁美, 王纪辉, 胡伯凯, 刘亚娜, 耿阳阳, 张时馨, 曾亚军, 何佳丽, 杨光(21)

· 地理学 ·

- 基于多尺度地理加权回归的建成环境对通风潜力的影响研究——以武汉市主城区为例 杨佳明, 安睿, 全照民, 刘艳芳(29)
武汉滨江旅游码头空间品质多维度评价及影响因素 张诗琪, 杜守帅, 柳迪子(40)
江苏省公共文化设施空间结构及驱动因素——从数量统计到效能评价 谢秋逸, 常直杨(50)

· 生物学 ·

- 河南省柘城容湖两栖动物多样性时空分布格局及分析 申士圆, 郭阳, 刘瑶, 朱艳军, 李寒玉, 徐海根, 陈卓(60)

促性腺激素释放激素(GnRH)类似物在辅助生殖治疗领域中的研究进展

..... 周郁恬, 孟 艳, 刁飞扬, 刘金勇(68)

· 计算机科学与技术 ·

基于量子蚁群算法的智能制造调度问题研究 吴昌钱, 黄 锐, 罗志伟(74)

基于“推荐-学习”的两阶段数据布局策略 梁 杨, 丁长松, 胡志刚(80)

骨边界增强滤波的图割算法 石志良, 范伟楠, 甘梓博, 袁 琼(91)

基于双注意力机制的成绩预测 张文娟, 张 彬, 杨皓哲(103)

基于特征选择和组合预测模型的负荷短期预测方法 陆嘉华, 梅 飞, 杨 赛, 唐 瑜, 华昊辰(114)

· 环境科学与工程 ·

电化学耦合曝气生物滤池处理施工期生活污水

..... 祁建民, 张玉峰, 邱勇军, 傅高健, 杨柳燕, 缪爱军(125)

H₂O₂ 氧化/CaO 沉淀预处理化学镀镍废槽液及其 FO 浓缩减量效果研究

..... 蒋永伟, 潘 婷, 丁博蕾, 曹 蕾, 何佳颖, 黄 建, 冯旭松, 张 勇(131)

· 体育学 ·

青少年体质健康治理评估指标体系构建与实证研究 李 冲, 史曙生(138)

《南京师大学报(自然科学版)》第 46 卷(2023 年)总目次 (I)

[期刊基本参数] CN 32-1239/N * 1955 * q * A4 * 148 * zh * P * ¥ 8.00 * 1150 * 18 * 2023-12

主编:陈国祥; 执行主编:莫祥银; 执行编辑:杜忆忱

公开发行

JOURNAL OF NANJING NORMAL UNIVERSITY

(Natural Science Edition)

Vol. 46 No. 4 (Sum. 176)

Dec, 2023

CONTENTS

| | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| Characterizations of Jordan Isomorphisms of Triangular Algebras | Liu Dan,Zhang Jianhua,Song Mingliang(1) |
| Based on Bicyclic Graphs Analysis of Second Geometric-Arithmetic Index | Liu Wanqiao,Zhao Biao(5) |
| The Sufficient Conditions for the Existence of Path-Factor Critical Covered Graphs | Yuan Yuan(11) |
| Large Time Behavior to a Chemotaxis-Haptotaxis Model with Nonlinear Diffusion | Liu Jintao,Jia Zhe(17) |
| Response of Physiological Index during the Storage of Juglans sigillata Dode. Walnut with Husk | Liang Mei,Wang Jihui,Hu Bokai,Liu Yana,Geng Yangyang,Zhang Shixin,Zeng Yajun,He Jiali,Yang Guang(21) |
| Effect of Built Environment on Ventilation Potential Based on Multi-scale Geographically Weighted Regression;a Case Study of the Main Urban Area of Wuhan | Yang Jiaming,An Rui,Tong Zhaomin,Liu Yanfang(29) |
| Multi-dimensional Evaluation and Influencing Factors of Space Quality of Wuhan Riverside Tourist Wharf | Zhang Shiqi,Du Shoushuai,Liu dizi(40) |
| Spatial Structure and Driving Factors of Public Cultural Facilities in Jiangsu Province;from Quantity Statistics to Efficiency Evaluation | Xie Qiuyi,Chang Zhiyang(50) |
| Spatiotemporal Distribution Pattern and Analysis of the Amphibian Diversity in the Ronghu Lake,Zhecheng,Henan Province | Shen Shiyuan,Guo Yang,Liu Yao,Zhu Yanjun,Li Hanyu,Xu Haigen,Chen Zhuo(60) |
| Research Progress of Gonadotropin-releasing Hormone Analogs in Assisted Reproductive Technology | Zhou Yutian,Meng Yan,Diao Feiyang,Liu Jinyong(68) |
| Research on Intelligent Manufacturing Scheduling Problem Based on Quantum Ant Colony Algorithm | Wu Changqian,Huang Rui,Luo Zhiwei(74) |
| A Two-Stage Data Placement Strategy Based on Recommendation and Learning | Liang Yang,Ding Changsong,Hu Zhigang(80) |
| Graph-cut Algorithm for Bone Boundary Enhancement Filtering | Shi Ziliang,Fan Weinan,Gan Zibo,Yuan Qiong(91) |
| Performance Prediction based on Dual-Attention Mechanism | Zhang Wenjuan,Zhang Bin,Yang Haozhe(103) |
| Short-term Load Forecasting Method Based on Feature Selection and Combination Forecasting Model | Lu Jiahua,Mei Fei,Yang Sai,Tang Yu,Hua Haochen(114) |
| Electrochemical Coupled Biological Aerated Filter for the Treatment of Domestic Sewage During Construction | Qi Jianmin,Zhang Yufeng,Qiu Yongjun,Fu Gaojian,Yang Liuyan,Miao Aijun(125) |
| Study on Pretreatment of Electroless Nickel Plating Waste Bath by H_2O_2 Oxidation/CaO Precipitation and the Effect of FO Concentration and Reduction | Jiang Yongwei,Pan Ting,Ding Bolei,Cao Lei,He Jiaying,Huang Jian,Feng Xusong,Zhang Yong(131) |
| Construction and Empirical Research on the Evaluation Index System of my Country's Adolescents' Physical Health Governance | Li Chong,Shi Shusheng(138) |
| Total Catalogue of Journal of Nanjing Normal University(Natural Science Edition) in 2023 | (I) |

Editor-in-Chief: CHEN Guoxiang, **Executive Editor-in-Chief:** MO Xiangyin, **Executive Editor:** DU Yichen

The End of Volume 46