

淮北师范大学学报

(自然科学版)

2022 年

第 43 卷第 2 期

总第 153 期

目 次

分数阶双参数 Maxwell 流体自然对流与传热传质的 $L1$ /有限体积法	赵金虎(1)
面板数据均值变点的累积和比值估计	张婷婷,魏岳嵩,董三英(7)
基于谱配点法的过渡曲面构造	邹 倩(13)
μ_p -bent 函数的进一步研究	汪莉婷,姜 妞,卓泽朋(18)
格上高效的属性签名方案	陈启虹,江明明,王 艳(25)
随机丢包不确定的网络控制系统 H_∞ 滤波	马运强,王宗跃,甘 泉(31)
BNKT-BZN 无铅压电陶瓷的电学和储能性能	牛梦书,晁小练(38)
基于还原石墨烯和硫堇-金纳米粒子复合物的电化学 DNA 生物传感器的制备	董 笑,时安琪,耿 明(44)
荆芥提取物的抗氧化活性及成分研究	张乐乐,高子强,汪菲菲,张盼盼,刘生杰(49)
智能制造背景下具有随机产出风险的供应商激励研究	刘 圆,石 莉,韩玲玲,张乐乐(56)
经济内循环背景下体育消费升级的路径选择	郝宏钟(63)
安徽成年女性大众体育市场细分调查	游贵兵,李 媛,曹思洁(69)
基于偏相关分析的在校女大学生体质健康发展趋势研究	李永刚,包文清(76)

教 学 研 究

两届国家级数学教育教学成果奖的特征分析与启示	李孝诚,张亚明,张 森(81)
基于 Matlab 软件的 FIR 数字滤波辅助教学研究	姜恩华,朱 旋,陈东华(87)
电化学条件下苜醇到芳香醛的选择性氧化	张金凤,蒋 越,段荣琛,苏玉洁,孟令国(92)
版权声明	(96)

期刊基本参数:CN 34-1316/N*1979*q*A4*96*zh*P*¥ 10.00*1000*16*2022-06

本期执行编辑:宋运贤

JOURNAL OF HUAIBEI NORMAL UNIVERSITY (Natural Sciences)

Vol. 43 No. 2

Sum No. 153

2022

CONTENTS

The $L1$ /finite volume method for natural convective heat and mass transfer of double fractional Maxwell viscoelastic fluid	ZHAO Jinhui(1)
Cumulative sum ratio estimator of mean change point in panel data	ZHANG Tingting, WEI Yuesong, DONG Sanying(7)
Blending surface design based on spectral-collocation methods	ZOU Qian(13)
A further research on μ_p -bent functions	WANG Liting, JIANG Niu, ZHUO Zepeng(18)
An efficient attribute-based signature scheme on lattice	CHEN Qihong, JIANG Mingming, WANG Yan(25)
H_∞ filtering for uncertain network control systems with random packet dropouts	MA Yunqiang, WANG Zongyue, GAN Quan(31)
Energy-storage and electrical properties of lead-free BNKT-BZN piezoelectric ceramics ...	NIU Mengshu, CHAO Xiaolian(38)
Fabrication of electrochemical DNA biosensor based on reduced graphene and thionin-gold nanoparticle composite	DONG Xiao, SHI Anqi, GENG Ming(44)
The research on antioxidant activity and chemical composition of extraction of <i>schizonepeta tenuifolia</i> Briq	ZHANG Lele, GAO Ziqiang, WANG Feifei, ZHANG Panpan, LIU Shengjie(49)
Research on supplier incentive with random output risk under the background of intelligent manufacturing	LIU Yuan, SHI Li, HAN Lingling, ZHANG Lele(56)
The path choice of sports consumption upgrade under the background of economic internal cycle	HAO Hongzhong(63)
Research on market segmentation of adult female mass sports in Anhui province	YOU Guibing, LI Yuan, CAO Sijie(69)
Research on the development trend of female college students' physical health based on partial correlation analysis	LI Yonggang, BAO Wenqing(76)
Characteristic analysis and enlightenment of mathematics education teaching achievement awards of the basic education in China	LI Xiaocheng, ZHANG Yaming, ZHANG Sen(81)
Research on FIR digital filter-assisted teaching based on the Matlab software	JIANG Enhua, ZHU Xuan, CHEN Donghua(87)
Chemselective oxidation of benzyl alcohol to aromatic aldehyde under electrochemical conditions	ZHANG Jinfeng, JIANG Yue, DUAN Rongchen, SU Yujie, MENG Lingguo(92)