

TABLE OF CONTENTS

目 录

求解一类时间分数阶偏微分方程的高阶格式
Solving a Class of Time-Fractional Order Partial Differential Equations in High Order Scheme
谭海花.....4123

感染后的流行病学影响死亡率
Epidemiological Impacts of Post-Infection Mortality
杨小平, 唐三一.....4133

应用拟合对早期新冠数据进行分析
Application of Matching to Analyze Early COVID-19 Data
周川博, 方娇红.....4143

一类特殊链环的 Kauffman 多项式
The Kauffman Polynomials of a Special Class of Links
徐芷微.....4153

电磁辐射下神经元模型的放电行为分析
Analysis of Neuron Discharge Behavior under the Electromagnetic Radiation
于欢欢, 路正玉.....4166

函数可积性的进一步讨论
Further Discussion of Function Integrability
于欢欢, 路正玉.....4173

随机环境中两性分枝过程的偏差 inequality
Deviation Inequality for a Supercritical Bisexual Branching Process in a Random Environment
高梦娇, 李瑞, 邓琳.....4177

随机环境加权分枝过程的方差和 Fuk-Nagaev 型不等式
The Variance and Fuk-Nagaev Type Inequality for Weighted Branching Processes in a Random Environment
邓琳, 陈祁欢, 鲁展.....4183

泊松过程在新疆新型冠状病毒肺炎分析中的应用
Application of Poisson Process in Covid-19 Analysis of Xinjiang
卢芸潇.....4189

基于 NSGA-II 算法解决多目标优化实际应用的研究
Research on the Practical Application of NSGA-II Algorithm for Multi-Objective Optimization
向芷恒, 王秉哲, 雪景州, 山晟.....4195

蔗糖损失高消耗问题的研究 Research on the Problem of High Consumption of Sucrose Loss	
杨灿, 冯德鸿.....	4208
三次 B 样条曲线插值的 LUTS-PIA 算法 LUTS-PIA Algorithm for Cubic B-Spline Curve Interpolation	
仇佩瑶, 刘仲云.....	4216
基于半参数模型的科技创新对广西经济发展的影响 The Impact of Technological Innovation on Guangxi Economic Development Based on Semiparametric Model	
刘映伶.....	4224
开放三孩背景下人口结构预测与生育政策研究 Research on Population Structure Prediction and Fertility Policy under the Background of Opening up to Three Children	
尤浩杰, 杨雪陶.....	4234
一种关于有效步长约束的自适应算法 An Adaptive Algorithm on Effective Step Size Constraints	
姜文翰, 刘曜齐, 姜志侠.....	4248
倾斜平面上非线性不连续振子的全局动力学 Global Dynamics of an Irrational Nonlinear Discontinuous Oscillator on an Inclined Plane	
夏珏武.....	4255
具有加权函数的发散型反应扩散方程的爆破分析 Blow-Up Analysis of Divergent Reaction Diffusion Equations with Weighted Functions	
王美丹, 朱永政.....	4264
二元环境基尼系数及其在均衡发展中的应用 Binary Environmental Gini Coefficient and Its Application in Balanced Development	
孙静, 闵莉花, 束慧, 张仁杰.....	4273
<i>abcd</i> Boussinesq 系统的高阶中心间断 Galerkin-有限元方法 High Order Central Discontinuous Galerkin-Finite Element Methods for the <i>abcd</i> Boussinesq System	
夏有伟, 程用平.....	4288
类依赖实例加权朴素贝叶斯算法研究 Study on Class-Specific Instance Weighted Naive Bayes	
曾嘉琪, 彭萍, 杨柳, 胡桂开.....	4300
基于线上线下混合式教学模式的对沈阳高校教师教学质量的层次模糊综合评价研究 A Study on the Hierarchical Fuzzy Comprehensive Evaluation of the Teaching Quality of Shenyang University Teachers Based on the Mixed Online and Offline Teaching Mode	
李艳杰, 杨盛武.....	4310

DoS 攻击下 Markov 跳变系统的镇定性研究: DETM A Study on Stabilization of Markov Jump Systems under DoS Attacks: DETM	
陈慧珍, 张海洋, 熊良林, 赵姗姗.....	4316
基于 K 近邻算法和混合模型的短期交通流预测 Short-Term Traffic Flow Forecast Based on K near Neighbor Algorithm and Hybrid Model	
赵丽雅, 周文学.....	4330
具有媒体效应时滞的 SEIRS-M 传染病模型的动力学分析 Dynamic Analysis of SEIRS-M Epidemic Model with Media Effect Delay	
秦秀, 鲁延玲, 黄丽霞.....	4338
基于 K-Means 交通流量空间特征分析方法 K-Means Traffic Flow Prediction Method Based on Spatial Features	
王佳程, 苏庆华, 田宝平, 顾敏杭, 宫瑞英, 李泳.....	4350
二次度量回归模型中折叠凹惩罚估计的统计性质 Folded Concave Penalized Estimation for Quadratic Measurements Regression	
张馨玉, 杨婧昱.....	4357
具有预测沥青混合料刚度参数的多尺度算法 Multi-Scale Algorithm with Predicted Stiffness Parameters of Asphalt Mixture	
彭姝婉, 李佩洪.....	4365
多群组混合环境基尼系数及其在五大城市群绿色发展评价中的应用 Multi-Group Environment Gini Coefficient and Its Application in the Evaluation of Economic and Ecological Balance of Five Urban Agglomerations	
张仁杰, 束慧, 闵莉花, 孙静.....	4378
在一些充分条件下的不含 4 圈和 7 圈的平面图是 2-弱退化的 Every Planar Graph with Some Sufficient Conditions but without 4- and 7-Cycles Is Weakly 2-Degenerate	
卢宏锴.....	4392
基于 Ano-GAN 模型的医学图像缺陷检测研究 Research on Medical Image Defect Detection Based on Ano GAN Model	
史丽琴, 王仲平, 程正祥.....	4403
多层结构下非线性方程组的粘性消失极限 The Viscosity Vanishing Limit of Systems of Nonlinear Equations under Multiple Structures	
童林曦, 肖慧, 戴冰清, 李昂.....	4415
数字经济对碳排放的影响研究 Research on the Impact of the Digital Economy on Carbon Emissions	
余侗, 李兴东.....	4437

捕食者攻击速率对具有额外捕食的常微分方程 - 反应扩散方程耦合模型影响研究 The Effect of Predator Attack Rate on the Coupled Model of Ordinary Differential Equation and Reaction-Diffusion Equation with Additional Predation	
郑加乐.....	4447
非线性阻尼波方程在 $\mathbb{R}^3$ 上的时间依赖吸引子 Time-Dependent Attractor of Nonlinear Damping Wave Equation on $\mathbb{R}^3$	
王兴慧.....	4456
隔代照料对中老年人健康的影响研究 A Study of the Impact of Intergenerational Caregiving on the Health of Middle-Aged and Older Adults	
张韵风, 温勇.....	4467
INMA(1)型随机矩阵的极限谱分布 Limiting Spectral Distribution of INMA(1) Random Matrix	
李雨静, 李晨龙.....	4480
六个苯环生成的六角系统的自由度 The Degrees of Freedom of a Hexagonal Systems Generated by Six Benzene Rings	
刘乙瑾, 邓凯.....	4490
一类具有恐惧效应的随机食物链模型 A Stochastic Food Chain Model with Fear Effect	
廖丽芳, 冯祖针.....	4501
灵活就业者参与职业伤害险情况及影响因素的实证分析 Participation of Flexible Employees in Occupational Injury Insurance Empirical Analysis of Influencing Factors	
吴成卓.....	4508
基于张量模型的短时交通流量预测 Short-Term Traffic Flow Prediction Based on Tensor Model	
周昱竹, 张仲荣, 张其斌.....	4519
求解具有等式约束的随机优化问题的二阶微分方程方法 Second Order Differential Equation Algorithm for Solving Stochastic Optimization Problems with Equality Constraints	
吕琪楠, 孙菊贺, 王莉, 谢红俭.....	4529