

TABLE OF CONTENTS**目 录****Laplace 分布参数的 Bayes 统计推断研究****A Study of Bayes Statistical Inference for Parameter of Laplace Distribution**

- 周慧, 袁新梅..... 3113

一类新的伪黎曼可解代数里奇孤立子**A New Class of Pseudo-Riemannian Solvable Algebraic Ricci Solitons**

- 黄浩, 王辉..... 3121

经典去噪算法在两种含噪头部图像中的对比研究**A Comparative Study of Classical Denoising Algorithms in Two Noised Head Images**

- 耿梓苡..... 3127

高阶非线性常微分方程边值问题的 Lagrange 插值逼近**Lagrange Interpolation Approximation for Edge Value Problems of Higher-Order Nonlinear Ordinary Differential Equations**

- 冯泽宸, 杨寅, 陈凯, 周倩..... 3133

一类特殊的 p -模 Frobenius 群**A Special Class of p -Module Frobenius Groups**

- 李亚利, 何满意, 钟佐琴..... 3139

具有无症状感染者的 SEIAC 模型动力学研究**Dynamics Study of a SEIAC Model with Asymptomatic Patient**

- 李晓玉, 张盼盼, 崔倩倩..... 3144

(2 + 1)维非线性 Ginzburg-Landau 方程和广义 Zakharov 系统中的明暗光孤子解**Bright and Dark Soliton Solutions in the (2 + 1) Dimensional Nonlinear Ginzburg-Landau Equation and the Generalized Zakharov System**

- 诸弦达..... 3153

基于惯性权值和自适应变异改进的麻雀搜索算法**Improved Sparrow Search Algorithm Based on Inertia Weight Value and Adaptive Mutation**

- 韩斌彬, 朱金秋..... 3165

“双碳”背景下乡村振兴与新型城镇化耦合协调发展研究**Research on the Coupling and Coordinated Development of Rural Revitalization and New-Type Urbanization under the Background of “Dual Carbon”**

- 刘艺博, 张春月, 于国策, 崔苗..... 3179

玻璃文物的类别鉴定与亚类划分

Classification Identification and Sub-Classification of Glass Relics

徐美萍, 王行修, 江萌萌, 乔斯昱, 由云川 3188

计算矩阵 $M-P$ 广义逆的一种迭代法**An Iterative Method for Computing Matrix $M-P$ Generalized Inverse**

陈荣 3200

基于改进的随机 SEIR 模型分析传染病的控制再生数

Analysis of the Controlled Regeneration Number of Infectious Diseases Based on an Improved Stochastic SEIR Model

陈倩, 连保胜 3211

二维带真空的不可压缩 MHD 方程组的全局适定性

Global Well-Posedness for the 2D Incompressible MHD Equations with Vacuum

但园园 3225

基于 RF-GM(1,1)-BP 模型预测福州市财政收入

Predicting Fuzhou City's Fiscal Revenue Based on RF-GM(1,1)-BP Model

刘威, 张巧, 王文博, 许可, 张慧妍, 金秀玲 3240

一类深度神经网络的稳定性研究

Research on Stability for a Class of Deep Neural Networks

倪炜达 3250

求解绝对值方程的一般不精确不动点迭代法

A General Inexact Fixed Point Iteration Method for Solving Absolute Value Equation

姜壹鑫 3261

碰撞动力学方程导出分数阶扩散极限的方法研究

Research on the Method of Deriving Fractional Diffusion Limits from Collision Dynamics Equations

郭文雅 3268

我国人口生育行为影响因素的多模型分析研究

Multi-Model Analysis and Research on Influencing Factors of Population Fertility Behavior in China

许鑫颖, 尹勤, 张菊, 马嘉琪 3277

关于 Euler 方程 $\varphi(mn) = 3\varphi(m) + 8\varphi(n) + 32$ 的整数解**On the Integer Solution of Euler Equation $\varphi(mn) = 3\varphi(m) + 8\varphi(n) + 32$**

袁莎 3292

有限差分法和 PINN 法求解微分方程的探讨

Discussion on Solving Differential Equations by Finite Difference Method and PINN Method

王玮, 唐虹, 张停停, 梁育境, 侯玉霞, 李萌慧, 张运章 3298

基于多目标优化模型的无人机纯方位无源定位问题研究

Research on Bearing-Only Passive Location of Unmanned Aerial Vehicle Based on Multi-Objective Optimization Model

郝蕾, 崔译丹.....3311

深度学习方法在运动健康领域的应用

Application of Deep Learning Methods in Sports and Health Field

宋凯.....3327

赋相对权比的 Tikhonov 正则化方法及其在岭估计中的应用研究

Research on Tikhonov Regularization Method with Relative Weight Ratio and Its Application in Ridge Estimation

张丽, 何焱, 陈文玉, 穆永洪, 张俊.....3338

包含时间分数阶导数与整数阶导数的一类微分方程 Lie 对称

Lie Symmetry of a Class of Differential Equations Involving Time Fractional Derivative and Integer Derivative

刘慧, 银山.....3344

基于截断最大相关熵准则损失函数的鲁棒极限学习机

Robust Extreme Learning Machine Based on Truncated Maximum Correlation Entropy Criterion Loss Function

王晶, 陈志祥.....3354

基于交叉定位法对无人机飞行的纯方位无源定位问题的研究

Research on the Bearings-Only Passive Location Problem of UAV Flight Based on Cross-Location Method

刘显鹤, 鲁建辉, 白雪健.....3365

一个关于极大子群的迹的定理

One Theorem on Traces of Maximal Subgroups

朱丽羽.....3378

非守恒双曲方程组的路径守恒 ADER 间断 Galerkin 方法: 在浅水方程中的应用

A Path-Conservative ADER Discontinuous Galerkin Method for Non-Conservative Hyperbolic Equations: Applications in Shallow Water Equations

赵晓旭, 刘仁迪, 钱守国, 李刚.....3381

使用特征选择流程和机器学习分类模型预测肾细胞癌亚型

Using Feature Selection Process and Machine Learning Classification Models to Predict Subtypes of Renal Cell Carcinoma

魏嘉怡.....3398

基于 GeoGebra 软件的可视化设计与实践研究

Visual Design and Practice Study Based on the GeoGebra Software

周慧敏, 陆海华.....3414

“十三五”时期吉林省科技进步贡献率及影响因素分析**Analysis of the Contribution Rate and Influencing Factors of Scientific and Technological Progress in Jilin Province during the 13th Five Year Plan Period**

单艺, 陈舒, 井硕, 崔杨, 王桂华..... 3425

两类基于 Riemann-Liouville 分数阶导数的非线性偏微分方程的对称分析**Symmetry Analysis of Two Kinds of Nonlinear Partial Differential Equations Based on Riemann-Liouville Fractional Derivatives**

张天棋, 银山..... 3436

基于两个独立的指数随机变量之和的相依风险模型的破产问题研究**Research on the Ruin Problem of Dependent Risk Model Based on the Sum of Two Independent Exponential Random Variables**

王婧璇..... 3447

复正交李超代数 $osp(1,4)$ 的拟型心与型心**Quasi-Centroids and Centroids of the Complex Orthogonal Lie Superalgebra $osp(1,4)$**

洪斌皓, 吴金旭, 郑克礼..... 3463

基于灰度预测和 Lasso 回归模型的长三角地区碳达峰碳中和时间的预测**Prediction of Carbon Peak and Carbon Neutrality Time in the Yangtze River Delta Region Based on Grey Prediction and Lasso Regression Model**

庄钧媚, 章纪泽, 钱政烨, 蒋雨桐, 付依琳, 童涵..... 3469

婚姻状况对老年人健康影响的机制分析**An Analysis of the Mechanism of the Influence of Marital Status on the Health of the Elderly**

黄可言, 温勇..... 3476

模糊规划在中草药材种植效益问题的应用研究**Research on the Application of Fuzzy Programming in the Benefit of Planting Chinese Herbal Medicine**

冯德鸿..... 3486