

TABLE OF CONTENTS

目 录

线性斜积半流非一致指数渐近行为的若干刻画

Some Characterizations of Nonuniform Exponential Asymptotic Behaviors for Linear Skew-Product Semiflows

汪婷, 刘紫依, 岳田 2623

马尔可夫调制的中立型随机动力系统的 p 阶稳定性

p -Moment Stability of Neutral Stochastic Dynamic Systems with Markovian Switching

张新文 2630

一个关于可解群和极大子群的次正规迹的定理

A Theorem on Solvable Groups and Subnormal Traces of Maximal Subgroups

向艳辉, 何金旅 2639

一种新型的混合系统

A Novel Hybrid System

魏金飞 2643

基于 GARCH 模型的天然气期货价格波动特征分析

Analysis of Fluctuation Characteristics of Natural Gas Futures Price Based on a GARCH Model in China

王钰瑶, 王传会 2650

马尔可夫切换概率布尔控制网络的有限时间镇定

Finite-Time Stabilization of Markovian Switching Probabilistic Boolean Control Networks

林仕楠 2663

二重积分计算的变量变换法

Variable Transformation Method for Double Integral Calculation

程慧, 黄振辉, 韩萍, 何桂添 2671

分数阶时滞的 BAM 神经网络的有限时间稳定性

Finite-Time Stability of Fractional-Order BAM Neural Networks with Time Delays

罗雪梅, 李进东 2677

子女教育与中老年父母健康的关系研究

Study on the Relationship between Children's Education and the Health of Middle-Aged and Elderly Parents

张琳琳, 温勇, 宗占红 2688

传染病的微分方程模型**Differential Equation Model of Infectious Diseases**

陆晓薇, 陈敏风.....2700

具有时滞效应的 BAM 神经网络的稳定性与分岔**Stability and Bifurcation of BAM Neural Network with Time Delay Effect**

和光珠.....2718

基于深度学习的入侵检测数据分类研究**Research on Intrusion Detection Data Classification Based on Deep Learning**

金颖.....2736

粘弹性相分离模型在二维空间中强解的整体存在性**The Overall Existence of Strong Solution for Viscoelastic Phase Separation Model in the Two Dimensional Space**

裴小田.....2749

部分函数型数据的回归模型与应用**Regression Models and Applications for Partially Functional Data**

李颂萱, 毛可敬, 肖维维.....2758

自适应加权核范数最小化的图像去噪**Image Denoising with Adaptive Weighted Kernel Norm Minimization**

苟玉莹.....2765

基于 SWOT 方法的网络课程学习平台发展研究**Research on the Development of Network Course Learning Platform Based on SWOT Method**

朱少威, 王丹婷, 王雪, 张涵, 孙嘉悦, 李娟.....2774

带有交互项的广义部分函数型线性模型的应用**Application of Generalized Partially Function Type Linear Models with Interaction Terms**

毛可敬, 李颂萱, 肖维维.....2781

经验模态分解的单通道呼吸信号自动睡眠分期**Empirical Modal Decomposition of Single-Channel Respiratory Signals for Automatic Sleep Staging**

白雨欣, 令狐荣乾.....2788

严格对角占优 M-矩阵逆的无穷上界的新估计式**A New Upper Bound Estimator of the Infinite Norm for the Inverse of Strictly Diagonally Dominant M-Matrix**

陈胜男, 莫宏敏, 罗雨薇.....2802

分数阶微分方程边值问题正解的存在性**Existence of Positive Solutions for Boundary Value Problem of Fractional Differential Equations**

方丽.....2810

广义 Sylvester 矩阵方程 $AX + YA = C$ 一般解的正交投影迭代解法
An Orthogonal Projection Iteration Method for the General Real Solution
of Generalized Sylvester Matrix Equations $AX + YA = C$

田时宇, 刘明.....	2819
半导体器件方程混合有限元三步两层网格法	
Three-Step Two-Grid Algorithm Based on Mixed Finite Element Method for	
Semiconductor Device Equations	
余广平, 刘莺.....	2827
具有强 Allee 效应 Rosenzweig-MacArthur 时滞模型的问题研究	
Research on Rosenzweig-MacArthur Delay Model with Strong Allee Effect	
杨碧莹, 孙福芹.....	2833
基于改进共同因子模型的死亡率预测模型	
Mortality Prediction Model Based on Improved Common Factor Model	
李乐乐, 肖鸿民.....	2842
基于滚动 ARIMA 预测模型对 2023 年 6 月比特币收盘价的预测	
Prediction of the Closing Price of Bitcoin in June 2023	
Based on the Rolling ARIMA Forecast Model	
崔博涵.....	2853
多项时间分数阶抛物型方程反源问题的拟逆方法	
A Quasi-Inverse Method for Inverse Problems of Parabolic Equations of the Time Fractional Order	
王雨欣.....	2861
面向智能交通的整数规划算法与应用	
Integer Planning Algorithms and Applications for Intelligent Traffic	
臧乙诺, 宗喜娇, 张诗怡, 黄杞林, 宇振盛, 何常香, 邱丽红.....	2876
基于层次分析法的青少年心理健康问题调查研究	
Investigation and Research on Adolescent Mental Health Problems Based	
on Analytic Hierarchy Process	
刘欣瑶, 袁熙一, 余蕊洁, 易文晰, 高仕龙.....	2885
用动力系统方法研究一类时间分数阶扩散方程的精确解	
Exact Solutions of a Class of Time-Fractional Diffusion Equation by Dynamic System Method	
黎超玲.....	2896
具有两水平共同效应的平衡分位数信度模型	
The Balanced Quantile Credibility Model with Two-Level Common Effects	
殷铭, 张强.....	2904
基于数据处理的江西省数字经济规模预测研究	
Research on Jiangxi Province's Digital Economy Scale Prediction Based on Data Processing	
刘星星, 张延飞, 颜七笙, 丁木华, 陈萍.....	2915

基于开放三孩背景下人口增长模型的构建与研究

Construction and Research of Population Growth Model Based on the Background of Open Three-Child

周慧敏, 陆海华.....2924

基于模拟退火法的基站选址优化问题

Base Station Location Optimization Problem Based on Simulated Annealing Method

单双.....2936

模糊赋范线性空间的 0-范数

0-Norm of Fuzzy Normed Linear Space

张入化, 蒋浩.....2945

有关正态分布广义积分计算的一些注记

Some Notes on the Generalized Integral Calculation of the Normal Distribution

赵雯雪, 屈志扬, 侯文.....2951

模糊赋范线性空间的 1-最佳逼近

1-Best Approximation of Fuzzy Normed Linear Space

张入化, 蒋浩.....2958

基于 Chebyshev 多项式的 Galerkin 谱方法在求解偏微分方程问题中的应用

Galerkin Spectral Method Based on Chebyshev Polynomials and Its Application on Numerical Solution of Partial Differential Equations

王佳, 成蓉华.....2965

叶形图的广义连通度

The Generalized Connectivity of Leaf-Sort Graphs

李红梅, 王世英.....2979

带有几何源项的浅水波方程组的高精度熵稳定有限差分格式

A High Order Entropy Stable Finite Difference Scheme for Shallow Water Equations with Geometric Source Term

张志壮, 周翔宇, 高金梅, 钱守国, 李刚.....2998

一类浅水波方程周期的非一致连续性

Nonuniform Continuity of a Class of Shallow Water Wave Equation

蔡森林.....3011

基于社区密度的重叠社区检测算法

Overlapping Community Detection Algorithm Based on Community Density

赵洋洋, 刘士虎, 胡志涛.....3021

平面三角剖分图中非连通图的 Anti-Ramsey 数

The Anti-Ramsey Number of Unconnected Graphs in Plane Triangulation Graphs

罗冬连, 顾俊琪.....3030

轮图的强连通性

The Strong Connectivity of the Wheel Network

王苏, 王世英.....3039

基于新冠肺炎预测模型选择及防疫能力评价的研究与分析

Research and Analysis on the Selection of COVID-19 Prediction Models and Evaluation of Epidemic Prevention Capability

陈林, 方百青, 潘纯权, 肖俊, 康茜.....3055

轮图的边容错强 Menger 边连通性

Edge-Fault-Tolerant Strong Menger Edge Connectivity of Wheel Networks

南俐贞, 王世英.....3069

可逆去噪网络及其应用研究

Research on Reversible Denoising Network and Its Application

杨晨, 冯健毅, 杨若菡, 吴悦彬.....3086

抗乳腺癌候选药物的优化建模

Optimal Modeling of Candidate Drugs for Anti Breast Cancer

夏珏武, 王琦瑗, 王灿.....3098