

TABLE OF CONTENTS

目 录

一类带时滞的四元数神经网络的全局指数反同步 Global Exponential Anti-Synchronization for a Class of Quaternion-Valued Neural Networks with Time Delays 陈星宇, 朱培勇.....1263	1263
完全 0-单半群的 L-模糊同余 Generalized Fuzzy Congruences on Completely 0-Simple Semigroups 郑苗苗.....1271	1271
具有 Markov 切换 Poisson 跳的随机微分方程的均方指数稳定性 Mean Square Exponential Stability of Stochastic Differential Equations with Markovian Switching and Poisson Jumps 王吉平, 李光洁.....1276	1276
积分边值问题中的比较原理及应用 Comparison Principle of Integral Boundary Value Problem and Its Application 王浩, 闫宝强.....1281	1281
一类脉冲微分方程解的增长 Growth of Solutions for a Class of Impulsive Differential Equations 郭林峰, 李宝麟.....1289	1289
亚纯函数线性差分多项式的值分布 Value Distribution of Linear Difference Polynomial of Meromorphic Function 吴励敏, 邓炳茂, 杨德贵.....1299	1299
一类具有 Caputo 导数的非线性分数阶微分方程耦合系统的正解 Positive Solutions for Coupled System of Nonlinear Fractional Differential Equations with Caputo Derivative 齐超凡, 薛春艳.....1309	1309
Rolle 定理的结构分析与应用 Structure Analysis and Application of Rolle Theorem 王耀革, 郭从洲, 崔国忠.....1316	1316
一种基于 Tobit 回归模型的序贯压缩估计方法研究 A Sequential Shrinkage Estimate Based on Tobit Regression Model 鲁海波.....1320	1320
基于分数阶反应扩散方程的传染病模型研究 Research on Epidemic Model Based on Fractional Reaction Diffusion Equation 霍俊蓉, 张荣培.....1326	1326

一维空间中极大值原理的条件研究

Research on the Condition of Maximum Principle in One-Dimensional Space

王静, 闫宝强.....1335

带积分边界条件的非线性 Caputo 型分数阶微分方程边值问题解的存在唯一性

Existence and Uniqueness of Solutions for Boundary Value Problems of Nonlinear Caputo Fractional Differential Equation with Integral Boundary Conditions

赵阳阳.....1341

带有非线性阻尼的 Kirchhoff 型 Berger 方程的一致吸引子

Uniform Attractor for Berger Equation of Kirchhoff-Type with Nonlinear Damping

张娟娟, 徐玲.....1348

凸体的 λ Entropy 的 Brunn-Minkowski 不等式

The Brunn-Minkowski Inequalities of λ Entropy of Convex Body

张振坤.....1361

具时变系数和时滞的模糊细胞神经网络的固定时间同步

Fixed-Time Synchronization for Fuzzy Cellular Neural Networks with Time-Varying Coefficients and Delays

刘阳, 张松环, 丁玮.....1369

带有简化的 Monod-Haldane 型的 R-M 捕食者 - 食饵模型的局部稳定性分析

Local Stability Analysis with Simplified Monod-Haldane R-M Predator-Prey Model

宋晨霞, 杨亚飞.....1379

弱 Berwald 双挠积 Finsler 度量

Weakly Berwald Doubly-Twisted Product Finsler Metrics

邓香香, 何勇, 倪琪慧.....1389

非齐次 Burgers 方程的黎曼初值扰动问题解的渐近稳定性

Asymptotic Stability of Shock Waves and Rarefaction Waves under Periodic Perturbations for Inhomogeneous Burgers Equation

张兆祥, 李悦.....1400

三角函数的积分计算技巧

Integral Calculation Skills of Trigonometric Functions

徐晓静.....1416

范德蒙德行列式在高等代数解题中的应用

Application of Vandermonde Determinant in Advanced Algebra Solving

徐雯燕, 廖小莲.....1421

一道大学生数学竞赛题目的一题多解探讨

Discussion on Multiple Solutions of One Problem in a College Mathematics Contest

刘波, 刘晓燕, 李文彬.....1430

应用 Beta 函数证明沃利斯公式的两种新证法

Two New Methods of Proving Wallis Formula by Using Beta Function

裴红梅, 张美丽, 商洁琳.....1434

一类 Liénard 系统的零点个数最小上界研究

A Study on the Upper Number of Zeros for a Liénard System

李成群, 胡雪婷, 韦敏志.....1441