

TABLE OF CONTENTS

目 录

单边奇异积分与 Lipschitz 函数生成的 Cohen 型交换子的变差不等式

Variation Inequalities for Cohen Type Commutator of One-Sided Singular Integral with Lipschitz Function

靳茄欣, 侯宪明 1

基于拓扑度的代数基本定理的证明

Proof of the Fundamental Theorem of Algebra Based on Topological Degree

王学蕾 14

Stolz 公式及其在数列极限中的应用

Stolz Formula and Its Application in Sequence Limit

王杰 20

几类特殊图的完美匹配的计数

The Counting of Perfect Matchings on Some Special Graphs

杨思齐, 边红, 于海征, 魏丽娜 27

低阶特殊线性李超代数的型心与拟型心

Centroids and Quasicentroids of Low Order Special Linear Lie Superalgebras

高晨阳, 陆炳权, 郑克礼 36

雅可比乘积公式在整数划分上的一个应用

An Application of Jacobi Triple Product Identity in Integer Partition Theory

马万里 41

应用 Riccati 展开法求解广义 KdV-mKdV 方程的新精确解

New Exact Solution for Generalized KdV-mKdV Equation via Riccati Expansion Method

欧阳坦, 肖冰 47

θ -型 Calderón-Zygmund 算子与 Lipschitz 函数生成的交换子的有界性

Boundedness of Commutators with θ -Type Calderón-Zygmund Operators and Lipschitz Function

朱晓璐 54

一类具退化承载力捕食者 - 食饵模型的 Hopf 分支

Hopf Bifurcation of a Predator-Prey Model with Degenerate Carrying Capacity

王碧君 62

图与其导出子图的双罗马控制数的研究

Research on the Double Roman Domination Numbers of Graph and Its Induced Subgraphs

刘慧灵, 边红, 于海征, 魏丽娜 71

极大交换子在分层 Lie 群中的有界性**Boundedness of Maximal Commutators on Stratified Lie Groups**

常娇娇.....80

上海市近二十年房价水平影响因素及发展趋势研究**Research on Influencing Factors and Development Trends of Housing Price Level in Shanghai in the Past Two Decades**

孙倩, 何文.....88

多目标优化控制问题可行解的存在性**Existence of the Feasible Solutions for Multiobjective Optimal Control Problems**

袁嘉宁.....97

一类传递置换群的极小基**Minimal Bases of a Class of Transitive Permutation Groups**

陈媛媛.....103

形式三角矩阵环上的 Gorenstein AC-投射维数**Gorenstein AC-Projective Dimensions over Formal Triangular Matrix Rings**

李帮禹, 杨晓燕.....109

Markov 分支过程的调和矩**Harmonic Moments for the Supercritical Markov Branching Processes**

王雪珂, 王娟.....117

集值广义强向量拟均衡问题系统解的本质连通区**Essential Connected Components of System Solutions for Set-Valued Generalized Strong Vector Quasi-Equilibrium Problems**

何芳, 陈剑尘, 邢秋菊.....125

Sobolev 型分数阶随机发展方程非局部问题 Mild 解的存在性**Existence of Mild Solutions for Nonlocal Problems of Fractional Stochastic Evolution Equations of Sobolev Type**

白玉洁.....132

基于 ADMM 的智能电网电力调度优化分布式在线算法**ADMM-Based Distributed Online Algorithm for Power Dispatching Optimization of Smart Grid**

赵峰, 党亚铮.....148

空间异性环境中 Leslie-Gower 捕食模型的稳定性与分支分析**Stability and Bifurcation Analysis of the Leslie-Gower Predator-Prey Model in Spatial Heterogeneity Environment**

雷梅娟, 张丽娜.....157

椭球运动的状态约束问题**State Constrain Problem of Ellipsoidal Motions**

敬鲁晶, 高红伟, 侯敏.....165

Morita 环上的 Gorenstein 内射模**Gorenstein-Injective Modules over Morita Rings**

秦军霞.....174

线性矩阵不等式半定互补问题的数值求解方法**Numerical Methods for the Semidefinite Complementarity Problem with Linear Matrix Inequalities**

孔汕汕, 赵馨.....183

测度泛函微分方程的 Lyapunov 稳定性**Lyapunov Stability of Measure Functional Differential Equations**

周云菲, 李宝麟.....197

涉及亚纯函数差分算子的唯一性定理**Uniqueness of Meromorphic Function Concerning Difference Operator**

邱仕林, 郑瑞林, 刘丹.....209

三元数字集的自相似测度的谱性性质**Spectrality of Self-Similar Measures with Three Element Digit Sets**

曹永申.....218