

TABLE OF CONTENTS

目 录

<p>Research of Stock Market Based on Pair Copula and GARCH(1,1) Model (基于 Pair Copula 和 GARCH(1,1)模型的股市研究)</p> <p>W. ZHANG, K. HE.....</p>	129
<p>Some Methods to Prove Sufficient Condition for a Critical Point to Be a Center (中心条件充分性的一些证明方法)</p> <p>Y. J. CUI, H. W. LI, R. R. YU, J. SHI.....</p>	137
<p>Coleman Automorphisms of Finite Groups with a Self-Centralizing Normal Subgroup (具有自中心化正规子群的有限群的 Coleman 自同构)</p> <p>J. X. LIU, J. K. HAI.....</p>	142
<p>Some Criticism on the Basic Concept of Infinite Set Theory (对无穷集合论基本概念的几点批判)</p> <p>M. T. GUO.....</p>	147
<p>Advances in Inverse Isoperimetric Inequalities (逆向等周型不等式的研究进展)</p> <p>Y. L. JIA, X. GAO.....</p>	152
<p>Qualitative Analysis of Nondivergent Degraded Parabolic Equations with Nonlinear Nonlocal Boundary Condition (具有非线性非局部边界条件的非散度型退化抛物方程的定性分析)</p> <p>S. W. XU, Z. Z. LI, J. Z. QIU, M. LI.....</p>	164
<p>Suzuki Group and Flag-Transitive Point-Primitive $2 - (v, k, \lambda)$ Designs (Suzuki 群与旗传递点本原 $2 - (v, k, \lambda)$ 设计)</p> <p>Y. J. WANG.....</p>	174
<p>$K_{2,4}$-Factorization of Complete Bipartite Multigraphs (完全二部多重图的 $K_{2,4}$-因子分解)</p> <p>L. ZHU.....</p>	182
<p>Menon-Sury's Identity with a Dirichlet Character (带有一个狄利克雷特征的 Menon-Sury 恒等式)</p> <p>M. CHEN.....</p>	188
<p>Dynamic Schedule Strategy of RGV Based on the Weighted Directed Graph (基于有向赋权图的 RGV 动态调度策略研究)</p> <p>F. YANG, H. ZHANG, X. J. GUO, K. ZHAO.....</p>	195

Study on the Spread Threshold and Immunization Scheme of a Class of Infectious Disease Model on Directed Networks

(一类传染病模型在有向网络上的传播阈值与免疫策略研究)

W. SHI.....204

Tilted Algebras under Base Field Extensions

(基域扩张下的倾斜代数)

J. X. SUN.....212

Analysis of a Free Boundary Problem Modeling the Granuloma Formation

(一类描述肉芽肿生长的自由边界问题的数学分析)

Y. Y. HAN.....217

Asymptotically Stable Set of Local Compact Metric Space

(局部紧致度量空间的渐进稳定集)

Z. Q. FU, Z. F. HUO.....230

Green's Relations of Semigroup Monotone and k -Preserving Transformations

(单调保 k 变换半群 $OR_n(k)$ 的 Green 关系)

Y. SUN.....237