

TABLE OF CONTENTS

目 录

Second Order BDF2 Pressure Correction Projection Method Solving Diffusive Peterlin Viscoelastic Fluid (二阶 BDF2 压力修正投影方法求解扩散 Peterlin 粘弹性流体)	
P. ZHAN, Y. Z. ZHANG, H. T. LIANG, J. M. CHENG, X. X. ZHOU, X. J. YUAN.....	1051
Lump Solutions to the (3+1)-Dimensional Mel'nikov Equation (3+1)维 Mel'nikov 方程的 Lump 解研究)	
X. Y. LI, X. L. YONG, Y. H. HUANG.....	1058
Localization for Quasi-Periodic Operators with Two Parameters (一类双参数拟周期算子的局域化问题)	
J. WANG.....	1064
Analysis of Dynamics of Competitive System of Homogeneous Logistics Enterprises (同质性物流企业竞争系统的动力学分析)	
X. LI, G. R. PAN, J. LI, W. Y. JIANG.....	1072
Research on Community Division Method Based on Node Importance (基于节点重要度的社团划分方法研究)	
F. LIU, C. X. GAO.....	1079
Multiple Linear Regression Analysis of Factors Affecting Grain Yield (粮食产量影响因素的多元线性回归分析)	
R. R. JIA, X. HAN.....	1088
Research on Existence and Uniqueness of Symplectic Self-Adjoint Extension of Infinite Dimensional Hamiltonian Operator (无穷维 Hamilton 算子辛自伴延拓的存在性与唯一性研究)	
M. WANG, D. Y. WU.....	1094
Research on Alloy Yield Based on Grey Relational Degree Analysis (基于灰色关联度分析对合金收得率的研究)	
B. X. LI, K. X. ZHU, Z. H. ZHONG, L. M. SHEN.....	1101
A Review of Robust Principal Component Analysis Models (鲁棒主成分分析模型综述)	
Y. X. WANG, Q. LV.....	1107
Steady State Bifurcation of Extended Fish-Kolmogorov System with Dirichlet Boundary Condition (Extended Fisher-Kolmogorov 系统在 Dirichlet 边界条件下的定态分歧)	
Y. X. WANG, Q. R. HOU, Z. G. PAN.....	1114

Diagnosis Related Groups Study Based on Decision Tree

(基于决策树的 DRGs 制度研究)

L. CAO, Y. L. LIU, Y. H. HE, Y. S. JIANG.....1121

Promotion of Pure Electric Vehicles

(纯电动汽车的推广问题)

X. X. SONG, Y. LIU, Z. ZHUANG, M. L. CHEN.....1133

Mathematical Model Analysis of Heat Conduction in Clothing for High Temperature Operation

(高温作业服装的热传导数学模型分析)

Y. C. GAI, X. H. LIANG, C. H. GENG, L. J. GU.....1140

Lower Bound Estimation of Higher Eigenvalues of Laplace Operators on Riemannian Manifold

(黎曼流形上 Laplace 算子的高阶特征值下界估计)

H. HUANG, Q. HUANG, W. J. LU.....1151

On the Extremal Wiener Indices of Graphs with Given Clique Number

(给定团数的 Wiener 指数极图)

Y. L. CHEN, X. Y. WU.....1160

The Influence of the Allee Effect on the Dynamic Behavior of Two Species Amensalism System with a Refuge for the First Species

(Allee 效应对第一个种群具有避难所的偏害系统的动力学行为影响)

X. Y. HUANG, F. D. CHEN.....1166

Numerical Solution of a Class of Singularly Perturbed Parabolic Reaction-Diffusion Problem

(一类奇异摄动抛物型反应扩散问题的数值解)

C. H. ZHAO, Y. L. WANG.....1181

Pricing of Financial Products in Maturity Interval under Time-Varying Volatility Model

(时变波动率模型下到期区间理财产品定价问题)

H. M. DAI, L. Q. JIN.....1192