

TABLE OF CONTENTS**目 录**

预条件下 Gauss-Seidel 迭代法的收敛性

Convergence of Preconditioned Gauss-Seidel Iterative Method

黄江玲.....1007

具有 ℓ 维 Hermitian 正交包的 MDS 码的构造

Construction of MDS Code with ℓ -Dimensional Hermitian Hull

韩雨慧, 邱宇廷, 卢啸华.....1015

可变序结构下最优元的标量化

Scalarization of Optimal Element under Variable Ordering Structure

杨爽.....1025

一种牛顿迭代法的改进

An Improvement of Newton's Method

李春辉, 阚淳淳.....1031

Weierstrass 函数的盒维数与 Riemann-Liouville 分数阶积分的阶之间联系更进一步的研究

Further Discussion on Relationship between Fractal Dimension of Weierstrass Function and Order of Riemann-Liouville Fractional Integral

高鸿博, 梁永顺.....1035

复射影空间 CP^2 中辛曲面的平均曲率流

The Mean Curvature Flow of Symplectic Surfaces in the Complex Projective Space CP^2

曹顺娟.....1044

次线性框架下的随机 Lotka-Volterra 多种群互惠系统

Stochastic Cooperative Lotka-Volterra Systems under a Sublinear Expectation Framework

周子烨, 郭睿, 闫理坦.....1051

一类集合生态系统的一致持久性

The Uniform Persistence of a Meta-Ecosystem

刘菁, 杨喜陶.....1061

修正的两指标 Camassa-Holm 方程的周期边值问题的爆破解存在条件和判别条件

Existence and Discriminant Conditions of the Blow-Up Solution of the Periodic Boundary Value Problem of the Modified Two-Index Camassa-Holm Equation

孙开峰.....1070

多种角度探究椭圆的焦半径、焦点弦、 $\angle F_1PF_2$ 的最大值问题

The Maximum of Focal Radius, Chord of Focus and Angle $\angle F_1PF_2$ of Ellipse Are Studied from Different Angles

刘越, 徐冬冬.....1078

Stolz 定理及其应用

Stolz Theorem and Its Application

- 刘波, 刘孝磊, 王丽英..... 1084

形式三角矩阵环上的 PGF 模

PGF Modules over Formal Triangular Matrix Rings

- 薛淑娟, 杨刚..... 1088

一类非线性四阶边值问题正解的存在性

The Existence of Positive Solutions for a Class of Nonlinear Fourth-Order Boundary Value Problems

- 杨丽娟..... 1097

基于多分辨分析的小波紧框架构

Wavelet Tight Frame Construction Based on Multi-Resolution Analysis

- 李晨, 李万社..... 1106

垂心四面体的勾股 4 态 15 个外接球半径、外心坐标及距离的算法

Calculation of Radius, Circumcenter Coordinates and Distance of 15 Circumscribed Spheres of Pythagorean 4-State in an Orthocentric Tetrahedron

- 蔡国伟..... 1115