

TABLE OF CONTENTS

目 录

Asymptotic Analysis for the Singularly Perturbed Initial Value Problem with Degenerate Equation Having Multiple Root
(退化方程具有重根的奇摄动初值问题解的渐近分析)

R. R. ZHANG, S. L. CHEN, W. R. MA.....	1
--	---

Research on the Blasting Solution of a Class of Semilinear Parabolic Equations
(一类半线性抛物方程的解的爆破性质研究)

L. ZHANG, J. J. LI.....	10
-------------------------	----

Limit Cycles for a Class of Discontinuous Generalized Lienard Differential Systems
(一类不连续广义 Lienard 微分系统的极限环)

C. L. YU.....	20
---------------	----

The Fourier Expansion of Landau-Lifshitz Equations
(Landau-Lifshitz 方程的 Fourier 展开)

L. Y. DING, P. ZHU.....	29
-------------------------	----

Research on Evaluation Method of Comprehensive Strength
(科研综合实力评价方法研究)

J. GUO, S. Z. WANG, T. Y. ZHANG, Z. G. WANG.....	37
--	----

Shadowing Property of Continuous Maps in Y Space
(Y 空间连续自映射的伪轨跟踪性)

Y. L. TANG, R. D. HUANG, C. B. YE, G. R. ZHANG.....	45
---	----

High Accuracy Rendering of 3D Ship Route Using Ellipsoidal Projection
(基于椭球极投影的三维船舶航线高精度绘制)

Y. M. SONG, L. ZHOU, J. CHEN.....	54
-----------------------------------	----

The Application of Wavelet Analysis for the Near-Field Millimeter Wave Synthetic Aperture Imaging
(小波分析在毫米波综合孔径近场成像中的应用)

Y. H. ZHANG, H. H. WANG, C. LI.....	62
-------------------------------------	----

Heterogeneous Complex Number and Heterogeneous Complex Function
(非均匀复数与非均匀复变函数)

X. J. ZHAO, Y. CHEN, J. C. TAO.....	69
-------------------------------------	----

The J -Selfadjoint Realizations of Two-Interval Forth-Order J -Symmetric Operators
(两区间四阶 J -对称微分算子 J -自伴扩张域的描述)

Z. M. ZHANG, M. Z. XU..... 78

**Convergence Analysis of the Two-Step Combined Method for Solving
Nonlinear Operator Equations**

(求解非线性算子方程的两步组合方法的收敛性分析)

W. D. WU, W. P. SHEN, L. H. XU..... 90