

TABLE OF CONTENTS

目 录

The Existence of Solutions for a Class of Boundary Value Problem of Fractional Differential Equations on an Infinite Interval (一类无穷区间上的分数阶微分方程边值问题解的存在性)	
J. X. YAO, W. X. WANG, J. M. JIA.....	213
Teaching Thinking of Seeking Rule of Multiple Compound Function (多元复合函数求导法则的教学思考)	
L. HAN, X. J. GUO.....	225
Node-Disjoint Shortest and Next-to-Shortest Paths in N-Dimensional Hypercube (超立方体中最短和次短的点不交路径)	
Y. X. ZHANG.....	230
A New Geometrical Representation over Quaternion Field (四元数体的几何表示)	
W. Y. WANG, D. Z. LIAN, W. C. WU.....	236
The Proof of $2n$ Circle Arrangement Conjecture ($2n$ 圆排列猜想证明)	
Z. D. WANG.....	241
The Identities of M-Gonal Number with Its Application (M 角数恒等式及其应用)	
M. H. GUO, Z. C. GUO.....	250
An Extension of Pythagorean Equation with Its Application (勾股定理离散性质的推广和应用)	
M. H. GUO, Z. C. GUO.....	255
A Local Existence Theorem for a Parabolic Blow-Up Inverse Problem (一类抛物型爆破反问题的局部存在性定理)	
Y. PAN, X. R. MENG, W. Q. NING.....	262
Definition of Envelope in Differential Equations and a Problem that Must Be Noticed When Seeking Singular Solution (微分方程中包络的定义及求奇解时必须注意的一个问题)	
Z. H. KONG.....	271
On Criterion of Arc-Transitive Cayley Graphs (关于弧传递 Cayley 图的判定)	
X. YU.....	277

A kind of Analysis of the Multi-Prime Goldbach's Issues

(多素数哥德巴赫问题的一种分析)

Y. H. CUI.....282

Sieve of Multiple Content and Subtle Effects of $\frac{a}{b} \times \frac{b}{a} = 1$

(倍数含量筛法与恒等式($\frac{a}{b} \times \frac{b}{a} = 1$)的妙用)

S. S. LU.....288

On the Finite p -Group with a Small Central Quotient

(具有小中心商的有限 p -群)

X. WU, Y. L. MA, H. L. LIU.....297

Classical and Nonclassical Symmetry Classification of a Composite Type Equation

(一类复合方程的古典和非古典对称分类)

Y. X. BAI, B. SUDAO.....301

Uniqueness of Traveling Wave Solutions for a Quasi-Monotone Reaction-Diffusion Equation with Neutral Type

(拟单调中立型反应扩散方程行波解的唯一性)

Y. B. LIU.....310

Homotopy Analysis Sumudu Transform Method for Solving a Class of Time Fractional Partial Differential Equations

(一类时间分数阶偏微分方程的同伦分析 Sumudu 变换解法)

B. H. YANG, X. D. ZHANG.....322

The Focus Properties of Nonsingular Conic Curves in Hyperbolic Plane

(双曲平面上非蜕化圆锥截线的聚焦性)

H. HE, Y. N. WANG.....334

Module Analytic Functions and Its Properties

(模解析函数及其性质)

C. H. JIANG, X. H. LIANG.....349

Oscillate Criteria of Third Order Semi-Linear Neutral Differential Equations with Delay Argument

(一类三阶中立型半线性时滞微分方程振动准则)

Q. D. LI, J. YANG, X. X. LI, Q. W. LIN.....356