

TABLE OF CONTENTS

目 录

Stock Loan Model under Volatility Regime Switching (基于波动率状态转移的股票配资模型)	
X. ZHU, M. M. XIE, Y. GAO, L. L. WU.....	495
Research on High-Precision Model of Hyper-Geometric Distribution (超几何分布高精度模型研究)	
R. S. PIAO.....	501
Gold Price Impact Factors and Portfolio Analysis Application Progress (黄金价格影响因素及投资组合分析应用进展)	
L. ZHANG, X. GAO.....	504
Finite Spectrum of a Class of Fourth Order Boundary Value Problems on Time Scales (一类时标上四阶边值问题的有限谱)	
J. WANG, J. J. AO.....	510
Kolmogorov n-Width of Infinite Dimension Identity Operator (无穷维恒等算子的 Kolmogorov n-宽度)	
T. X. WANG, W. J. LU, Y. J. HAN, L. LIANG.....	519
Truncation Errors for Multi-Dimensional Whittaker-Shannon Sampling Expansion (多元 Whittaker-Shannon 采样展开的截断误差)	
T. X. WANG, J. CHEN, W. J. LU, Y. J. HAN.....	525
Research on Establishing Mathematical Model and Pricing System Based on MATLAB (基于 MATLAB 建立数学模型对定价系统的研究)	
R. T. WANG, G. Z. JING, J. H. SUN, F. ZHAO.....	530
Constructing Population Mathematical Model Based on MATLAB to Study the Influence of the Second Birth Opening on Chinese Population (基于 MATLAB 构建人口数学模型研究二胎开放对中国人口的影响)	
G. Z. JING, R. T. WANG, F. ZHAO, J. H. SUN.....	546
The Properties for a Kind of Time-Periodic Solutions of the Einstein's Field Equations (一类真空 Einstein 场方程时间周期解的性质)	
S. X. LV, Z. G. WANG.....	565
High Order Discontinuous Galerkin Methods with Differential Transform Strategy (基于微分变换策略的全离散间断 Galerkin 方法)	
H. Y. YU, X. F. WANG, G. LI.....	574

A New Method for Calculating the High Order Origin Moments of Classical Probability Models
(计算古典概型高阶原点矩的新方法)

J. XIA, W. Q. WU, X. H. LI, Z. P. WANG, H. Y. LAN.....584

The Latest Development of Bus Network Optimization Design Method
(公交网络优化设计方法的最新进展)

Y. T. GUAN, G. T. LIN, Q. PENG, H. YIN, L. WANG, X. GAO.....593

Pentavalent 2-Transitive Cayley Graphs on Finite Nonabelian Simple Groups
(有限非交换单群上的 5 度 2-传递 Cayley 图)

B. LING, X. L. LIU.....602

Extinction and Stationary Distribution of a Classic Stochastic Viral Infection Model with Saturation Rate and Logistic Growth
(一类带有饱和发生率和 Logistic 增长的随机病毒感染模型的灭绝性及平稳分布)

C. LUO, X. D. ZHANG.....609

The Diversity of Solutions Satisfied Partial Boundary Conditions for a Partial Differential Equation
(偏微分方程的满足部分边界条件的解的多样性)

D. D. LI, S. YIN.....617

Research on Three Common Regularized Image Processing Models
(三种常见的正则化图像处理模型研究)

B. L. TONG, Q. S. CHANG.....622

The Study and Applications of Mobile Terminal Postgraduate Product Pricing Model
(移动端考研产品定价模型研究及应用)

X. X. SHEN.....632

Research on the Current Situation of Economic Development in Xinjiang under the Background of "One Belt and One Road"
(“一带一路”背景下新疆经济发展现状研究)

Y. N. ZHAO, Z. W. ZHANG, J. B. XU, X. CHEN.....642