

**TABLE OF CONTENTS****目 录**

双圈图的补图的无符号拉普拉斯谱半径

**The Signless Laplacian Spectral Radius of the Complement of Bicyclic Graphs**

李铿, 王岚, 王国平 ..... 1903

基于图神经网络的 miRNA-疾病关联预测研究综述

**Prediction Review of miRNA-Disease Association Based on Graph Neural Network**

张语凡 ..... 1911

碳价是否降低了碳排放?

**Has Carbon Price Reduced Carbon Emissions?**

顾心语 ..... 1925

关于对数凹函数的随机单纯形体积不等式

**The Volume Inequality of Random Simplices of Log-Concave Functions**

屈梦迪 ..... 1932

可分解的正则<sup>\*</sup>-半群**On Factorizable Regular<sup>\*</sup>-Semigroups**

王钰鑫 ..... 1938

 $(h-s)$ -凸函数的若干性质**Some Properties of  $(h-s)$ -Convex Functions**

卢嘉颖, 屈莱曼, 黄蔓 ..... 1946

Steiner 对称化后对偶混合体积部分性质

**Partial Properties of Dual Mixed Volumes by Steiner Symmetrization**

李朝衡 ..... 1953

子结式的两个新性质的证明

**The Proof of Two New Properties of Subresultants**

刘美, 孙维昆 ..... 1959

Lee-Huang-Yang 修正偶极 Gross-Pitaevskii 方程驻波解的强不稳定性

**Strong Instability of Standing Waves for the Lee-Huang-Yang Corrected Dipolar****Gross-Pitaevskii Equation**

邓成德 ..... 1966

基于结构方程模型的中国农户秸秆回收利用意愿的影响因素分析

**Analysis of Influencing Factors of Chinese Farmers' Straw Recycling Willingness****Based on Structural Equation Model**

李丁丁, 徐陆艳 ..... 1976

## 鹈鹕初始化的灰狼算法在工程优化上的应用

**Application of Grey Wolf Algorithm Initialized by Pelican in Engineering Optimization**

潘邦勇, 刘敏.....1988

## 一类二阶半正 Dirichlet 边值问题正解的存在性和多解性

**Existence and Multiplicity of Positive Solutions for a Class of Second-Order Dirichlet Boundary Value Problems**

李存丽.....2007

## 复合 Linex 对称损失下逆伽马分布参数的 Bayes 估计

**Bayesian Estimation of Inverse Gamma Distribution under Composite Linex Symmetric Loss Function**

粟磊, 周菊玲.....2017

## 求解多维非特征柯西问题的修正核方法

**A Modified Kernel Method for Solving a Non-Characteristic Cauchy Problem in Multiple Dimensions**

韩晶晶.....2024

## 二阶积分偏微分方程的剩余可控性

**Controllability to Rest of the Second Order Integro-Differential Equation**

陈健柳, 彭思琦, 林佳仪, 周秀香.....2032

## 通过对比学习优化深度拟合的点云法向估计

**Optimization of Point Cloud Normal Estimation for Deep Fitting via Contrastive Learning**

史路冰, 聂明辉, 张杰.....2037

 $K_1 \cup P_m \cup P_n$  的匹配等价图数**The Number of Matching Equivalent Graphs of  $K_1 \cup P_m \cup P_n$** 

高尚.....2044

## 带 Hardy 位势的非线性薛定谔方程驻波解的强不稳定性

**Strong Instability of Standing Waves for the Nonlinear Schrödinger Equation with Hardy Potential**

秦绪芬.....2057

## 基于信息熵的概率加权模糊时间序列预测模型研究及应用

**Research and Application of Probability Weighted Fuzzy Time Series Forecasting Model Based on Information Entropy**

朱思瑾.....2069

## 分数次极大算子及交换子在加权 Morrey 空间上的有界性

**Boundedness of Fractional Maximal Operator and its Commutator on Weighted Morrey Spaces**

刘占宏.....2080

**单调混合变分不等式解集性质****Properties of Solution Set for Monotonic Mixed Variational Inequalities**

黎穷远.....2093

**40 $p$  三度对称图****Cubic Symmetric Graphs of Order 40 $p$** 

赵路清, 茹昕.....2098

**拟线性微分方程无限区间上正解的存在性****The Existence of Positive Solutions to Quasilinear Differential Equation on Infinite Intervals**

唐旭莹.....2103

**基于混沌遗传算法和物元可拓的特高压输电线路评估****Evaluation of UHV Transmission Lines Based on Chaotic Genetic Algorithm and Element Extension**

李昊伦, 段贺礼, 孙祺渊, 范金枝, 夏子杰, 赵康.....2111

**交换群的子群包含图的一些性质****Some Properties of Subgroup Inclusion Graph of an Abelian Group**

康富斌, 李元林.....2120

**一类包含恐惧效应的比率依赖型捕食者 - 食饵模型的 Hopf 分支****Hopf Bifurcation of a Rate-Dependent Type Predator-Prey Model with Fear Effects**

王博.....2125

**Morita 环上模范畴的生成子****Generators of Module Categories over Morita Ring**

费卿.....2136

**二维定常 Euler 方程超音速解的存在性****Existence of Supersonic Solution for Two-Dimensional Steady Euler Equations**

李晓蕊, 李致远.....2142

**内蕴平方函数在 Morrey-Adams 空间上的有界性****Boundedness of Intrinsic Square Functions on Morrey-Adams Spaces**

朱小杰.....2155

**基于多元回归和聚类分析的古代玻璃制品成分分析与鉴别****Composition Analysis and Identification of Ancient Glass Products Based on Multiple Regression and Cluster Analysis**

包令言.....2169

**两类 King 型算子一致逼近的误差估计****An Uniform Error Estimate for Two Kinds of King Type Operators**

黄婕妤, 董惠, 齐秋兰, 杨戈.....2188

拟线性波动方程的局部可解性

Local Solvability of Quasilinear Wave Equation

盛烁民.....2200