

TABLE OF CONTENTS

目 录

带有分数阶耗散的 Boussinesq 方程组关于速度的对数型正则准则
The Logarithmic Regularity Criteria for Velocity of Boussinesq Equations with Fractional Laplacian Dissipation
乐爱庭.....2917

基于 CatBoost 模型的上市公司财务困境预测
Financial Distress Prediction of Listed Companies Based on CatBoost Model
张朋燕, 戴家佳.....2923

相对于半对偶模的 Gorenstein W -投射模
Gorenstein W -Projective Modules with Respect to a Semidualizing Module
王锐, 吕家凤, 张东东.....2933

新发展阶段农业转移劳动力返乡创业的支持路径研究
Research on the Support Path of Migrant Agricultural Labor Force Returning Home to Start a Business in the New Development Stage
李彤, 张健明.....2943

一些图的边覆盖多项式的对数凹性研究
Study on Log-Concavity of Edge Covering Polynomials of Some Graphs
岳青华.....2950

无线可充电传感器网络中多 MCV 充电路径优化
Optimization of Multi-MCV Charging Path in Wireless Rechargeable Sensor Networks
郑睿彦, 周何, 侯宇轩, 范兴奎.....2960

基于改进的三阶 SPWENO 重构方法求解浅水波方程
Solving the Shallow Water Equation Based on the Improved Third-Order SPWENO Reconstruction Method
李雅蓉, 沈亚玲.....2967

外平面图的区间全染色
The Interval Total Colorings of Outerplane Graphs
张乔慧, 井普宁.....2976

基于量子算法的碎纸片拼接复原问题

The Problem of Splicing and Recovery of Pieces of Paper Based on Quantum Algorithm

王彦超, 刘鑫磊, 武良隆, 刘晓东, 范兴奎.....2988

在智能网联车中考虑电子节气门开度的多前车速度差的跟驰模型

Multi-Front Vehicle Velocity Difference Car Following Model by Considering the Electronic Throttle Opening in Intelligent-Network Connected Cars

周琳, 李良鹏, 化存才.....2996

一类特殊的保形映射

A Special Class of Conformal Mappings

刘子淇, 刘栩同, 潘晓琳, 李然, 李玉新.....3010

基于 TOPSIS 法的重庆市三级医院病床利用情况研究

Study on Utilization of Chongqing Third Hospital Based on TOPSIS Method

朱兴华.....3025

基于 ISE-LSC-RELSM 的地壳形变分析

Crustal Deformation Analysis Based on ISE-LSC-RELSM

罗豪, 华忠尧, 张俊.....3032

三维 Micropolar 流体方程组弱解的正则性准则

Regularity Criteria of Weak Solutions to the 3D Micropolar Fluid Equations

何贝贝.....3039

基于机器学习的足球比赛数据特征研究

Research on Data Features of Football Matches Based on Machine Learning

高婕, 李煜, 毛姝婷, 陈子涵, 叶瑶欣.....3045

捕食者患病的捕食 - 食饵模型的定性分析

Qualitative Analysis of Predator-Prey Model with Infected Disease in Predator

李敏, 卢旻.....3059

一种改进的 RK-SVD 随机噪声去噪方法

An Improved Denoising Algorithm Based on RK-SVD Method

马中华, 程慧勇, 戚裕峰.....3075

(1 + 1)维 Benjamin Omo 方程的精确行波解研究

Study of the Exact Traveling Wave Solutions of (1 + 1) Dimensional Benjamin Omo Equation

刘红霞, 韩青秀, 伍芸.....3084

基于 CVL 的多尺度 HIV 感染模型分析

Multi-Scale HIV Infection Model Analysis Based on CVL

诸慧, 王文星.....3091

复变函数在平面解析几何中的应用

The Applications of Complex Function in Plane Analytic Geometry

何伟奇, 孔维汉, 杨嘉妮, 李然.....3102

非线性波映照流方程的尖锐界面极限

Sharp Interface Limit of Nonlinear Wave Mapping Flow Equation

王婷婷, 王晓渊, 王晨晨.....3120

带损失率约束的甘蔗企业生产计划模型与算例研究

Production Planning Model and Case Study for Sugarcane Enterprises with Loss Rate Constraint

冯德鸿.....3129

基于随机森林的猪肉价格预测模型

Pork Price Prediction Model Based on Random Forest

黄琪, 董帮强.....3134

构造奇数阶超级幻方的两种方法

Two Approaches to Establish Ultra-Magic Squares of Odd Order

徐向东.....3141

带参数 PH 曲线几何特征及过渡曲线构造

Geometric Characteristics of PH Curve with Parameters and Construction of Transition Curve

宋九锡, 王研, 沈洋, 秦凌云, 彭兴璇.....3148

Mycielskian 图的凸控制和弱凸控制数的研究

Research on Convex and Weakly Convex Domination Numbers of Mycielskian Graphs

谢克莱, 热不哈提, 边红, 于海征.....3159

GM(1,1)模型在我国研究生教育规模预测中的应用

Application of GM(1,1) Model in the Prediction of Graduate Education Scale in China

陈显雄.....3169

具有复杂障碍物的多智能体蜂拥控制算法

Flocking Control Algorithm of Multi-Agent System with Complex Obstacles

高晶英, 徐旭, 何斯日古楞.....3178

沥青路面温度预测的长短记忆循环神经网络模型研究

Research on Long Short Term Memory Recurrent Neural Network Model for Asphalt Pavement Temperature Prediction

吴建良, 童小龙, 孙晓立.....3185

加边对图的弱凸控制数和凸控制数的影响

**The Influence of the Edge Adding on the Weakly Convex
and Convex Domination Number of Graphs**

布帕提曼·艾来提, 边红, 于海征.....3200

我国居民健康水平的地区分布差异和影响因素分析

**Analysis on the Regional Distribution Differences and Influencing
Factors of the Health Level of Chinese Residents**

王锴山, 张强, 张珏.....3207

浅谈几种求逆矩阵的方法

Discussion on Several Methods of Finding Inverse Matrix

徐晓静.....3217