

## TABLE OF CONTENTS 目 录

基于熵权 TOPSIS 法供应商评价模型研究

**Supplier Evaluation Model Based on Entropy Weight TOPSIS Method**

葛澜, 何东洋.....1223

水力旋流器性能影响因素正交分析

**Orthogonal Analysis of Influencing Factors of Hydrocyclone Performance**

刘祥周.....1231

基于 Simscape 的四旋翼无人机物理模型仿真

**Physical Model Simulation of Quadrotor UAV Based on Simscape**

周豪, 易映萍.....1238

基于 LSTM 的文本情感分析方法

**Text Sentiment Analysis Method Based on LSTM**

郭霖, 高允轩.....1248

永磁同步直线电机运动轮廓控制器设计

**Design of Motion Profile Controller for Permanent Magnet Synchronous Linear Motor**

周晨铭, 余晨涛.....1255

固定翼无人机转向避障最短轨迹问题研究

**Research on the Shortest Trajectory Problem for Fixed-Wing UAV Steering to Avoid Obstacles**

白景波, 屠义强, 田军, 冯玉芳, 陈亮, 孙阳阳.....1265

无芯棒旋锻毛坯直径与壁厚比值的临界值的研究

**Research on the Critical Value of the Ratio of Diameter to Wall Thickness of Blank Forging without Mandrel**

邹黄刚, 卢曦.....1274

桁架机械手上下料装置的设计与仿真

**Design and Simulation of Loading and Unloading Device of Truss Manipulator**

姚程翔, 刘宣胜, 朱玉华.....1283

基于六自由度轴耦合道路模拟试验机的悬架耐久试验研究

**Research on Suspension Durability Test Based on 6-DOF Spindle Coupled Road Simulation Test Bench**

王勇哲, 杨光, 詹永骁, 崔学鹏.....1293

**一种节流阀自动化生产线设计**

**Design of a Throttle Valve Automatic Production Line**

林洪兵, 刘宜胜, 王伟东.....1301

**基于全国人口普查问题模型的研究与思考**

**Research and Thinking on the Problem Model of National Census**

化紫康.....1309

**单兵综合系统作战适应性评价参数体系设计**

**Design of Evaluation Parameter System for Combat Adaptability of Individual  
Oldier Integrated System**

李元勋, 赵陆昊, 刘一川, 刘彬.....1320

**动力锂电池液冷板冷却性能的优化分析**

**Optimization Analysis of Cooling Performance of Liquid Cooling Plate  
for Power Lithium Battery**

于号, 李征涛, 王智楷.....1327

**基于 CVaR 的智能电网供应链价格补贴及返利契约协调研究**

**CVaR-Based Smart Grid Supply Chain Price Subsidy and Rebate Contract  
Coordination Research**

赵峰, 党亚峰.....1340

**函数型数据方法在水质分析中的应用**

**The Application of the Functional Data Method in Water Quality Analysis**

吴尚文.....1352

**铝板焊接过程中温度场的有限元模拟**

**Finite Element Simulation of Temperature Field during Aluminum Plate Welding**

申强, 李彦业.....1358

**北京市全社会用电量的研究与短期预测**

**Research and Short-Term Prediction of the Total Social Electricity Consumption in Beijing**

付军, 李俊刚.....1369

**基于港口封锁作战雷障布设模型的研究**

**Research on Mine Obstacle Deployment Model Based on Port Blockade**

马翠玲, 孙玺菁, 郝树艳, 李沫.....1383