

TABLE OF CONTENTS 目 录

镀铝件结构与镀铝层膜厚的关系研究

Research on the Relationship of the Aluminum Plates and the Thickness of Aluminum Coating

王华方, 马佳焱, 范蓉, 张少斌..... 279

碳化硼废液微粉回收制备及再利用于蓝宝石衬底加工之研究

Study on Recovery and Preparation of Boron Carbide Waste Slurry Fine Powder and Reuse in Sapphire Substrate Processing

李志宇, 周志豪, 包满平..... 290

基于 ANSYS 的可重复折展类球面天线支撑机构振动学特性分析

Analysis of Vibration Characteristics of a Repeatable Collapsible Spherical Antenna Support Mechanism Based on ANSYS

邢则拯, 马善红, 张波..... 296

铁路维修工务小车动应力测试

Dynamic Stress Test of Railway Maintenance Works Trolley

程晗, 杨耕, 石淑桂, 刘红军, 刘鹏飞, 章罕..... 307

同位素热源高温 - 振动试验用夹具的热仿真分析

Thermal Simulation Analysis of High Temperature-Vibration Test Fixture for Isotope Heat Source

王泽, 胡宇鹏, 张怡晨, 欧阳智江, 朱长春, 胡文军, 胡绍全..... 318

旋转超声复合/辅助加工技术的研究与应用

Research Results and Applications of Rotating Ultrasonic Composite/Auxiliary Machining

王涛, 李晶, 闫志刚, 纪能建, 朱永伟..... 329

钻削高强度钢的切削力仿真及试验研究

Simulation and Experimental Study on Cutting Force of Drilling High Strength Steel

朱茂霞, 金成哲, 张莹莹..... 343

尺寸效应对工业链传动中润滑行为的影响

The Effect of the Roller Size on the Lubrication Behavior in the Chain Drive

张安生, 金旭阳, 张明宇, 王静..... 351

基于 SAM 的中国人群乘用车驾驶座椅位置设计研究

Driver's Seating Position Design of Passenger Car for Chinese Population Based on SAM Model

林凯, 任金东..... 359

船用高速异步电机转子导条楔紧结构及力学分析

Structure and Mechanical Analysis of Wedge-Tight Rotor Bar in
Marine High-Speed Asynchronous Machine

孙良友.....367