

TABLE OF CONTENTS

目 录

冷却循环水系统自动化研究 Research on Automation of Cooling Circulating Water System	
郭永朝, 张忆, 陈静, 赵静静.....	491
光纤传感技术在石油行业应用现状及发展趋势 Application Status and Development Trend of Optical Fiber Sensing Technology in Petroleum Industry	
杨帆, 李斌, 梅文博, 杨琦, 李亮, 安琦.....	501
便携式储粮二氧化碳红外检测系统研制 Development of Portable Grain Storage Carbon Dioxide Infrared Detection System	
刘玉娟, 闫振, 李鹏, 王云婷, 孙玥, 赵阳, 刘哲.....	509
基于语音控制及脑控的智慧康养辅助机器人设计 Design of Intelligent Health Assistant Robot Based on Voice Control and Brain Control	
薛海啸, 赵嘉玲, 张炜玮, 张鹏, 黄俊龙, 李想, 田林青.....	522
光声换能器的材料组成及应用进展 Material Composition and Application Progress of Photoacoustic Transducer	
王甲琼, 谢凯, 任武, 蒋文帅, 于毅, 范晓峰.....	528
漆层下钢材腐蚀无损检测技术与图像重构方法研究 Investigation of Non-Destructive Test and Image Reconstruction Approach for Paint Coated Steel Corrosion	
薛超, 张艳芳, 姚盛清, 肖智中, 丁松.....	538
一种运载火箭地面电子设备贮存期及使用寿命确定方法 A Method for Determining the Storage Period and Service Life of Launch Vehicle Ground Electronic Equipment	
尹子盟, 刘树仁, 沈博.....	550
基于光纤传感器的桥梁裂缝检测研究新进展 New Progress of Bridge Crack Detection Based on Fiber Optic Sensor	
阳小燕.....	560
基于慧鱼模型的无避让智能立体车库设计及应用 The Design and Application of No Avoidance Intelligent Stereo Garage Based on Fish Model	
张涛, 徐秀莉, 王奕, 曹川川, 郭鹏远.....	566
基于气体传感器的航空液压发电机滑油泄漏检测 Oil Leakage Detection of Aviation Hydraulic Generator Based on Gas Sensor	
张聖胤, 徐涛, 张明.....	574