

TABLE OF CONTENTS

目 录

The LQG/LTR Design Procedure for Nonlinear Robot Manipulators
(机械手臂之 LQG/LTR 最佳控制综合设计)

C. J. CHUANG, C. N. HWANG.....1

Initial Alignment of Fiber Optic Gyroscope SINS with Disturbances
(光纤陀螺惯导系统扰动条件下的初始对准)

H. ZHANG, X. Y. HUANG, X. W. CHENG.....11

Study of Multi-Motor Coaxial Control Instrument Base on Modbus Synchronous Communication Protocol
(基于 Modbus 同步通讯的多电机同轴控制系统)

B. Y. ZHANG, B. LI, W. LIU, L. J. SU, X. WU.....17

Optimization Analysis of Heat Pump Driven by Steam Turbine Using Finite Time Thermodynamic Approach
(基于有限时间热力学的不可逆汽机热泵性能优化研究)

Q. ZHAO, Y. F. TAN, C. WANG.....23

Research of Fast Charging Control on Supper Capacitor in Electric Bicycle System
(超级电容在电动自行车系统中快速充电控制的研究)

Y. W. ZHAO, B. N. HE.....29