

# TABLE OF CONTENTS

## 目 录

**Pseudospectral Mesh Refinement Algorithm Based on Density Function and Its Application**  
**(基于密度函数的伪谱网格细化算法及应用)**

- |                                     |    |
|-------------------------------------|----|
| L. Y. WANG, J. HUANG, G. ZHANG..... | 35 |
|-------------------------------------|----|

**A Class of Algorithms of Output Feedback Predictive Control of Finite-Time Stability**  
**(一类有限时间稳定的输出反馈预测控制算法)**

- |                             |    |
|-----------------------------|----|
| X. L. LIANG, X. H. LIU..... | 43 |
|-----------------------------|----|

**Study on Chaotic System Synchronization of Adaptive Fractional Order Lur'e  
in Secure Communication**  
**(自适应分数阶 Lur'e 混沌系统同步在保密通信的研究)**

- |  |    |
|--|----|
| Y. J. QIAO, L. Y. WANG, B. F. WANG, Y. P. SHI, C. GE, H. H. LAI..... | 54 |
|--|----|

**The Static and Dynamic Characteristics Analysis of Table Sorting Device Ontology**  
**(转台式分拣装置本体静动态特性分析)**

- |   |    |
|---|----|
| Z. J. ZHOU, Z. G. AN, L. XUE, C. Y. GU, Y. F. FENG, F. LIU, K. X. CHEN..... | 60 |
|---|----|

**Simulation Research on PID Control Method of Inverted Pendulum System**  
**(倒立摆系统 PID 控制方法仿真研究)**

- |   |    |
|---|----|
| G. Y. REN, H. X. WANG, S. Y. LI, L. LI..... | 68 |
|---|----|

**Local Tool Path Optimization Method for Five-Axis Linkage in Machining**  
**(五轴联动加工中局部轨迹优化方法)**

- |               |    |
|---------------|----|
| Z. Q. WU..... | 76 |
|---------------|----|

**Modeling and Experiment of a Rotary Flexible Arm Based on Repetitive Controllers**  
**(基于重复控制的旋转运动柔性臂建模和实验研究)**

- |                           |    |
|---------------------------|----|
| Z. H. YANG, J. JIANG..... | 82 |
|---------------------------|----|