## 控制理论与应用

# 第 38 卷 第 5 期 2021 年 5 月 目 次

### 论文与报告

基于模糊PID算法的动力电池液体冷却策略 · · · · · · · 马 彦, 丁 浩, 牟洪元, 陈 虹 (549)
严格反馈系统约束迭代学习控制 · · · · · · · · · · · · · · · 陈建勇, 孙明轩 (561)
负荷扰动互联电力系统模糊自适应输出跟踪与干扰抗御 · · · · · · · · 金 鹏,马 倩,周国鹏 (571)
基于定量反馈理论的时滞系统自抗扰控制参数整定 赵天烽,程 赟,华 亮,李 海,陈增强 (578)
具有积分测量和时延的离散线性变参数系统故障与状态估计乔 栋,张潇潇,王友清 (587)
基于自适应模糊控制器和非线性扰动观测器的永磁直线同步电机反馈线性化控制
失配参数在线矫正的永磁同步电机预测电流控制 · · · · · · · 高锋阳, 罗引航, 李明明, 王文祥, 张浩然 (603)
基于迁移学习的离心式水泵扬程性能预测 杨鑫宇, 吕 政, 赵 珺, 王 伟 (615)
复杂三维多面体环境中空地协作追逃问题梁 宵, 王宏伦, 骆海涛 (623)
基于高斯混合聚类的切换系统的辨识 柴秀俊, 王宏伟, 王 林, 嵇薪儒 (634)
鲸鱼优化算法的全局收敛性分析及参数选择研究
含不匹配扰动非严格反馈系统的输出反馈补偿控制 · · · · · · · · · · · · · · · · 孙国法,于瀚博,周玉国 (652)
集货需求模糊的异型车同时配集货路径优化 · · · · · · · · · · · · 范厚明, 刘 浩, 刘鹏程, 任晓雪 (661)
短文
サイカロビルルカ屋もWった型内型とは、100mmで
基于多目标优化多任务学习的端到端车牌识别方法
概率布尔控制网络的集可控 · · · · · · · · · · · · · · · · · · ·

### **CONTROL THEORY & APPLICATIONS**

Vol. 38 No. 5 May 2021

### **CONTENTS**

### **Papers and Reports**

Liquid cooling strategy of power battery based on fuzzy PID algorithm	
MA Yan, DING Hao, MU Hong-yuan, CHEN Hong (549)	
Constrained iterative learning control of a class of strict-feedback systems · · · · · · · · CHEN Jian-yong, SUN Ming-xuan (561)	
Fuzzy adaptive output tracking and disturbance rejection for interconnected power systems with load disturbance	
JIN Peng, MA Qian, ZHOU Guo-peng (571)	
Tuning of active disturbance rejection control for time-delay systems via quantitative feedback theory	
ZHAO Tian-feng, CHENG Yun, HUA Liang, LI Hai, CHEN Zeng-qiang (578)	
Fault and state estimation for discrete-time linear parameter-varying systems with integral measurements and time-delay	
Feedback linearization control of permanent magnet linear synchronous motor based on adaptive fuzzy controller and nonlin-	
ear disturbance observer · · · · · · ZHAO Xi-mei, WANG Hao-lin, ZHU Wen-bin (595)	
Predictive current control of permanent magnet synchronous motor based on online correction of mismatch parameters	
GAO Feng-yang, LUO Yin-hang, LI Ming-ming, WANG Wen-xiang, ZHANG Hao-ran (603)	
Transfer learning-based performance prediction of centrifugal pumps	
······ YANG Xin-yu, LÜ Zheng, ZHAO Jun, WANG Wei (615)	
Collaborative pursuit-evasion of air-ground system in a complex 3D polyhedral map	
LIANG Xiao, WANG Hong-lun, LUO Hai-tao (623)	
Identification of switched systems based on Gaussian mixture clustering	
CHAI Xiu-jun, WANG Hong-wei, WANG Lin, JI Xin-ru (634)	
Global convergence analysis and research on parameter selection of whale optimization algorithm	
FENG Wen-tao, DENG Bing (641)	
Output feedback compensation control for non-strict feedback system with mismatching disturbance	
Heterogeneous fleet vehicle routing problem with simultaneous deterministic delivery and fuzzy pickup	
FAN Hou-ming, LIU Hao, LIU Peng-cheng, REN Xiao-xue (661)	
Brief Papers	
Multi-objective optimization based multi-task learning for end-to-end license plates recognition	
ZHOU Xiao-jun, GAO Yuan, LI Chao-jie, YANG Chun-hua (676)	
$Set \ controllability \ of \ probabilistic \ Boolean \ control \ networks \\ \cdots \\ \cdots \\ GOU \ Zhi-li, \ XU \ Yong, \ WANG \ Jin-huan \ (689)$	