

控制理论与应用

第 38 卷 第 2 期 2021 年 2 月

目 次

论文与报告

- 考虑谐波影响的开关磁阻电机无位置技术研究 周丽芳, 许爱德, 李倩妮, 朱景伟 (177)
- 基于集值观测器的风能转换系统多类型故障检测的设计 赵睿楠, 沈艳霞 (187)
- 采用滑模条件积分的无人驾驶汽车弯道超车路径规划与跟踪控制
..... 张家旭, 周时莹, 施正堂, 赵 健, 朱 冰 (197)
- 车辆路径问题的轻鲁棒优化模型与算法 孙 亮, 潘全科, 邹温强, 王亚敏 (206)
- 基于扩展雅可比矩阵的冗余液压驱动四足机器人运动控制 陈光荣, 郭 盛, 侯博文, 王军政 (213)
- 双边信息不对称参与者风险厌恶的应急数量折扣契约 刘 浪, 黄冬宏, 汪 惠 (224)
- 充液航天器的鲁棒固定时间终端滑模容错控制 王宏伟, 宋晓娟, 吕书锋 (235)
- 求解旅行商问题的自适应升温模拟退火算法 陈科胜, 鲜思东, 郭 鹏 (245)
- 基于感知源的数据驱动信任评测模型 田 鹤, 郭凯红, 王彦超, 赵 海, 邵士亮 (255)
- 舵鳍联合自抗扰主从控制策略设计 宋吉广, 王继铭, 梁利华, 史洪宇 (264)
- 带有误差修正项的自适应学习控制 李国军, 王 亢, 卢甜甜, 董齐芬, 陈东杰 (275)

短 文

- 动力定位船轨迹跟踪鲁棒自适应容错控制 王元慧, 王海滨, 张晓云 (287)

CONTROL THEORY & APPLICATIONS

Vol. 38 No. 2 Feb. 2021

CONTENTS

Papers and Reports

- The research for sensorless control of switched reluctance motor considering harmonic effects
..... ZHOU Li-fang, XU Ai-de, LI Qian-ni, ZHU Jing-wei (177)
- Multi-type fault detection design of wind energy conversion systems via set-valued observer
..... ZHAO Rui-nan, SHEN Yan-xia (187)
- Path planning and tracking control for corner overtaking of driverless vehicle using sliding mode technique with conditional integrators ZHANG Jia-xu, ZHOU Shi-ying, SHI Zheng-tang, ZHAO Jian, ZHU Bing (197)
- Vehicle routing problem: light-robust-optimization model and algorithm
..... SUN Liang, PAN Quan-ke, ZOU Wen-qiang, WANG Ya-min (206)
- Motion control of a redundant hydraulic actuated quadruped robot based on extended Jacobian matrix
..... CHEN Guang-rong, GUO Sheng, HOU Bo-wen, WANG Jun-zheng (213)
- Emergency quantity discount contract for risk aversion of participants under bilateral asymmetric information
..... LIU Lang, HUANG Dong-hong, WANG Hui (224)
- Robust fixed-time terminal sliding mode fault tolerant control for liquid-filled spacecraft
..... WANG Hong-wei, SONG Xiao-juan, LÜ Shu-feng (235)
- Adaptive temperature rising simulated annealing algorithm for traveling salesman problem
..... CHEN Ke-sheng, XIAN Si-dong, GUO Peng (245)
- A data-driven trust evaluation model based on the perception source
..... TIAN He, GUO Kai-hong, WANG Yan-chao, ZHAO Hai, SHAO Shi-liang (255)
- Active disturbance rejection master-slaver strategy for rudder and fin integrated control
..... SONG Ji-guang, WANG Ji-ming, LIANG Li-hua, SHI Hong-yu (264)
- Adaptive learning control with rectifying error actions
..... LI Guo-jun, WANG Kang, LU Tian-tian, DONG Qi-fen, CHEN Dong-jie (275)

Brief Papers

- Robust adaptive fault-tolerant tracking control for dynamic positioning vessel
..... WANG Yuan-hui, WANG Hai-bin, ZHANG Xiao-yun (287)