



ISSN 1001-0920

CODEN KYJUEF

控制与决策

控制与决策

Control and Decision

Vol.34 No.7

第34卷

第7期

Vol. 34

No. 7

2019年

ISSN 1001-0920



万方数据

中国·沈阳
Shenyang, China

7
2019

控制与决策

Kongzhi yu Juece

第34卷 第7期 2019年7月

目次

综述与评论

模仿学习示教轨迹自动分割方法的研究进展 ····· 迟明善, 姚玉峰, 刘亚欣 (1345)

论文与报告

基于子种群拉伸操作的精英共生生物搜索算法 ····· 王艳娇, 马 壮 (1355)

飞机多疲劳结构动态成组维修决策优化方法 ····· 罗 斌, 林 琳, 钟诗胜 (1365)

基于入侵杂草蝙蝠双子群优化的装备保障编组协同任务规划 ····· 王坚浩, 张 亮, 史 超, 车 飞, 张鹏涛 (1375)

带参数辨识的自适应二阶滑模观测器 PMSM 无传感器矢量控制 ····· 张 谦, 李 东 (1385)

基于节点优化型 DAG-LDM 的机组滚动轴承故障诊断方法 ····· 刘朝华, 孟旭东, 陆碧良, 李小花, 童成意 (1394)

输入受限四旋翼飞行器的模糊自适应动态面轨迹跟踪控制 ····· 沈智鹏, 曹晓明 (1401)

基于多模态特征深度融合的微博流事件检测与跟踪 ····· 熊 宇, 张一飞, 冯 时, 王大玲 (1409)

基于箱粒子概率假设密度滤波的弱目标检测与跟踪算法 ····· 吴孙勇, 宁巧娇, 蔡如华, 孙希廷, 潘福标 (1417)

基于能耗区域感知的无线传感器网络路由算法 ····· 刘三阳, 郑亚林, 白艺光 (1425)

基于邻域链的数据异常点检测 ····· 梁绍一, 韩德强 (1433)

基于网络效益的人类脑功能网络的小世界度量 ····· 司帅宗, 赵 海, 于 冲, 刘 晓, 朱 剑 (1441)

反向学习全局和声搜索算法 ····· 翟军昌, 秦玉平 (1449)

基于 RBF-Q 学习的多品种 CSPS 系统前视距离控制 ····· 唐 昊, 杨 羊, 戴 飞, 谭 琦 (1456)

基于 MGC 法的非线性随机系统 PDF 控制 ····· 杨恒占, 付月园, 高 嵩, 钱富才 (1463)

一种有效的不确定分数阶 T-S 模糊系统的控制器设计方法 ····· 张雪峰, 刘洋洋 (1469)

采用最优状态估计的主蒸汽温度动态矩阵控制方法 ····· 胡怀中, 张建博, 杨清宇 (1475)

基于空间金字塔池化特征的日常工具分类识别 ····· 吴培良, 何 犇, 侯增广 (1481)

基于 LQR 的耦合动态互联系统分布式协作负载均衡优化控制 ····· 刘建刚, 郑志强, 谢小良, 王仲梅, 杨胜杰 (1487)

基于双树复小波域统计图像建模的纹理特征提取 ····· 杨 鹏, 张凡龙, 杨章静 (1492)

离散区间 2-D 系统的鲁棒稳定性 ····· 杨 阳, 潘 凯 (1497)

考虑线上线下零售商竞争的制造商双渠道定价策略 ····· 梁 喜, 蒋 琼 (1501)

基于 MapReduce 模型带任务分割的并行机调度优化 ····· 黄基诞, 郑斐峰, 徐寅峰, 刘 明 (1514)

考虑知识溢出下产业集群创新网络协同知识创造决策分析 ····· 庄彩云, 陈国宏 (1521)

短 文

具有输入增量分辨率的多变量预测控制策略 ····· 邹 涛, 刘博文, 王美聪, 孙 威 (1529)

基于深度卷积网络的电熔镁炉欠烧工况在线识别 ····· 卢绍文, 王克栋, 吴志伟, 李鹏琦, 郭 章 (1537)

一种基于 SIFT 特征的机器人环境感知双目立体视觉系统 ····· 宋海涛, 何文浩, 原 魁 (1545)

基于二阶滑模控制理论的新型滚转稳定控制器 ····· 王 伟, 师兴伟, 林德福, 毛 宁 (1553)

基于积分滑模控制的非理想变时滞神经网络有限时间同步 ····· 熊晶晶, 章国宝 (1559)

带时间窗和服务顺序约束的多需求车辆路径问题 ····· 李珍萍, 张煜炜 (1565)

时间依赖下洪涝灾区紧急物资分配混合优化方法 ····· 胡忠君, 刘艳秋, 李 佳 (1571)

信息与动态

第32届中国控制与决策会议(2020 CCDC)征文通知 ····· (1384)

第31届中国控制与决策会议在南昌召开 ····· (1480)

下期要目 ····· (1570)

《控制与决策》第六届编辑委员会 ····· (封4)

期刊基本参数: CN21-1124/TP * 1986 * m * A4 * 232 * zh * P * ¥30.00 * 2000 * 31 * 2019-07

责任总编辑: 郑晓蕾

英文审校: 滕 蓉

Control and Decision

Vol. 34 No. 7 Jul. 2019

CONTENTS

Surveys and Reviews

Recent advances on automatic segmentation method of teaching trajectory for imitation learning

..... CHI Ming-shan, YAO Yu-feng, LIU Ya-xin (1345)

Papers and Reports

Elite symbiotic organisms search algorithm based on subpopulation stretching operation WANG Yan-jiao, MA Zhuang (1355)

Dynamic grouping maintenance planning for aircraft with multiple fatigue structures LUO Bin, LIN Lin, ZHONG Shi-sheng (1365)

Cooperative task scheduling for equipment support groups using invasive weed bat dual-subpopulation optimization algorithm

..... WANG Jian-hao, ZHANG Liang, SHI Chao, CHE Fei, ZHANG Peng-tao (1375)

Adaptive second-order sliding mode observer with parameter identification for PMSM sensorless vector control ZHANG Qian, LI Dong (1385)

Fault diagnosis method of wind turbine rolling bearing based on node optimized DAG-LDM

..... LIU Zhao-hua, MENG Xu-dong, LU Bi-liang, LI Xiao-hua, TONG Cheng-yi (1394)

Fuzzy adaptive dynamic surface trajectory tracking control for quadrotor UAV with input constraints SHEN Zhi-peng, CAO Xiao-ming (1401)

Event detection and tracking in microblog stream based on multimodal feature deep fusion

..... XIONG Yu, ZHANG Yi-fei, FENG Shi, WANG Da-ling (1409)

Small targets detection and tracking algorithm using box particle probability hypothesis density filter

..... WU Sun-yong, NING Qiao-jiao, CAI Ru-hua, SUN Xi-yan, PAN Fu-biao (1417)

Energy balance routing algorithm based on forward-aware for wireless sensor networks LIU San-yang, ZHENG Ya-lin, BAI Yi-guang (1425)

Outlier detection based on neighborhood chain LIANG Shao-yi, HAN De-qiang (1433)

‘Small-world-ness’ metric for human brain functional networks based on network efficiency

..... SI Shuai-zong, ZHAO Hai, YU Chong, LIU Xiao, ZHU Jian (1441)

Opposition-based learning in global harmony search algorithm ZHAI Jun-chang, QIN Yu-ping (1449)

Look-ahead control of multi-type products CSPS system based on RBF-Q learning TANG Hao, YANG Yang, DAI Fei, TAN Qi (1456)

PDF control of nonlinear stochastic systems based on MGC method YANG Heng-zhan, FU Yue-yuan, GAO Song, QIAN Fu-cai (1463)

An effective method of controller design for uncertain fractional T-S fuzzy systems ZHANG Xue-feng, LIU Yang-yang (1469)

Dynamic matrix control for main steam temperature control system based on optimal state estimation

..... HU Huai-zhong, ZHANG Jian-bo, YANG Qing-yu (1475)

Household tools classification recognition based on spatial pyramid pooling features WU Pei-liang, HE Ben, HOU Zeng-guang (1481)

LQR-based distributed cooperative load-sharing optimal control for coupled inter-connected dynamical systems

..... LIU Jian-gang, ZHENG Zhi-qiang, XIE Xiao-liang, WANG Zhong-mei, YANG Sheng-jie (1487)

Statistical image modeling based texture feature extraction in dual-tree complex wavelet transform domain

..... YANG Peng, ZHANG Fan-long, YANG Zhang-jing (1492)

Robust stability of discrete interval 2-D systems YANG Yang, PAN Kai (1497)

Pricing strategy of manufacturer in dual-channel considering competition between online retailers and offline retailers

..... LIANG Xi, JIANG Qiong (1501)

Parallel machine scheduling with splitting jobs in MapReduce system HUANG Ji-dan, ZHENG Fei-feng, XU Yin-feng, LIU Ming (1514)

Decision making analysis of collaborative knowledge creation in industrial cluster innovation network considering knowledge spillover

..... ZHUANG Cai-yun, CHEN Guo-hong (1521)

Brief Papers

Multi-variable predictive control strategy with input increment resolution ZOU Tao, LIU Bo-wen, WANG Mei-cong, SUN Wei (1529)

Online detection of semi-molten of fused magnesium furnace based on deep convolutional neural network

..... LU Shao-wen, WANG Ke-dong, WU Zhi-wei, LI Peng-qi, GUO Zhang (1537)

A stereo vision system based on SIFT feature for robot environment perception SONG Hai-tao, HE Wen-hao, YUAN Kui (1545)

Novel roll stabilization controllers based on second-order sliding mode control theory WANG Wei, SHI Xing-wei, LIN De-fu, MAO Ning (1553)

Finite-time synchronization of nonidentical neural networks with time-varying delay based on integral sliding mode control

..... XIONG Jing-jing, ZHANG Guo-bao (1559)

Multiple demands vehicle routing problem with time windows and service order constraints LI Zhen-ping, ZHANG Yu-wei (1565)

A mixed optimization method of emergency material distribution in flood disaster area depending on time

..... HU Zhong-jun, LIU Yan-qiu, LI Jia (1571)

Serial parameters: CN21-1124/TP * 1986 * m * A4 * 232 * zh * P * ¥ 30.00 * 2000 * 31 * 2019-07