



中国科技期刊卓越行动计划项目入选期刊

ISSN 1001-0920

CODEN KYJUEF

控制与决策

Control and Decision

第 35 卷

第 3 期

Vol. 35

No. 3

ISSN 1001-0920



中国·沈阳
Shenyang, China

3
2020

控制与决策

Kongzhi yu Juece

第 35 卷 第 3 期 2020 年 3 月

目次

综述与评论

基于联合子空间模型的模拟信息转换器研究进展.....刘铁锋, 杨光, 宫铁瑞, 杨志家, 刘志峰 (513)

论文与报告

智能制造系统基于数据驱动的车间实时调度.....吴秀丽, 孙琳 (523)

基于 RBF 神经网络补偿的一种绳牵引并联机器人支撑系统的力/位混合控制
.....王宇奇, 林麒, 王晓光, 周凡桂, 刘骏 (536)

基于非线性能量收集的多用户 MIMO 认知无线供电通讯网络.....王哲, 李陶深, 叶进, 葛志辉, 吴敏 (547)

基于余弦控制因子和多项式变异的鲸鱼优化算法.....黄清宝, 李俊兴, 宋春宁, 徐辰华, 林小峰 (559)

基于视觉传感器的小型多 AUV 系统队形排列.....解则晓, 王晓敏 (569)

带有非匹配扰动的连铸结晶器振动位移系统自适应反步滑模控制.....李建雄, 章启宇, 高崇一, 方一鸣 (578)

基于高效闭环检测和重定位的 SLAM 算法.....佟国峰, 张佳伟, 刘满堂, 岳晓阳 (587)

基于群灰狼优化的光伏逆变器最优无源分数阶 PID 控制.....杨博, 束洪春, 朱德娜, 邱大林, 余涛 (593)

基于自适应差分进化的常压塔轻质油产量多目标优化.....丁进良, 陈佳鑫, 马欣然 (604)

敏捷凝视卫星密集点目标聚类与最优观测规划.....耿远卓, 郭延宁, 李传江, 马广富, 李文博 (613)

一种基于 LPV 系统的 H_∞ 切换控制器设计方法.....吴伟林, 谢巍, 何伟, 张浪文 (622)

基于关键形态特征的多元时间序列降维方法.....李海林, 梁叶 (629)

基于蒙特卡洛 Q 值函数的多智能体决策方法.....张健, 潘耀宗, 杨海涛, 孙舒, 赵洪利 (637)

多期证券投资组合问题的区间多目标规划求解方法.....孙靖, 熊岩, 张恒, 刘志平 (645)

基于时变自回归模型的 FAJD 盲源分离算法.....季策, 靳超, 张颖 (651)

基于灰熵模型的区间型指标和权重的不确定多属性决策方法及其应用.....刘入境, 高曦含, 张光军 (657)

面向云平台中心化集成调度的跨供应商订单分配模型.....谢乃明, 吴乔, 郑绍祥 (667)

基于三参照点理论的结构化产品购买行为.....王宗润, 何珊珊 (677)

考虑依赖关系和能力约束的多对多供应链订单分配研究.....王剑, 周壮, 黄琦, 夏薇 (686)

碳交易环境下再制造企业生产及减排投资决策.....陈玉玉, 李帮义, 柏庆国, 徐健腾, 王哲 (695)

考虑内在影响关系的不安全行为组织管理控制模型.....郭海东, 李慧民, 陈旭, 袁鹏飞 (704)

考虑消费者环保意识的 WEEE 双渠道回收模型.....许民利, 向泽华, 简惠云 (713)

基于 DEA 模型的区域成人教育资源配置效率研究.....郑龙, 周忠宝, 杜永浩, 吴士健, 金倩颖, 邢立宁 (721)

基于指数熵加权的降维犹豫模糊兰氏距离测度及应用.....沙秀艳, 尹传存, 徐泽水 (728)

脉冲噪声下基于循环相关熵的 PSK 信号码速率估计.....金艳, 郝浪浪, 姬红兵 (735)

短文

基于群智能求解带约束问题的时域鲁棒优化算法.....黄元君, 金耀初, 郝矿荣 (740)

空间连接系统的稳定与镇定.....刘华波, 于海生 (749)

基于奇异值分解的非均匀采样非线性系统的模糊模型辨识.....王宏伟, 谢丽蓉 (757)

一种基于 GMM-EM 的非平衡数据的概率增强算法.....陈刚, 吴振家 (763)

信息与动态

下期要目..... (756)

《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 * 256 * zh * P * ¥30.00 * 1200 * 30 * 2020-03

责任总编辑: 郑晓蕾

英文审校: 滕蓉

Control and Decision

Vol. 35 No. 3 Mar. 2020

CONTENTS

Surveys and Reviews

Research advances on analog-to-information converter based on union of subspaces model

.....LIU Tie-feng, YANG Guang, GONG Tie-rui, YANG Zhi-jia, LIU Zhi-feng (513)

Papers and Reports

Data-based real-time scheduling in smart manufacturing WU Xiu-li, SUN Lin (523)

Force/position hybrid control for a wire-driven parallel robot support system based on RBF neural network compensation

..... WANG Yu-qi, LIN Qi, WANG Xiao-guang, ZHOU Fan-gui, LIU Jun (536)

Multi-user MIMO cognitive wireless powered communication network based on non-linear energy harvesting

..... WANG Zhe, LI Tao-shen, YE Jin, GE Zhi-hui, WU Min (547)

Whale optimization algorithm based on cosine control factor and polynomial mutation

..... HUANG Qing-bao, LI Jun-xing, SONG Chun-ning, XU Chen-hua, LIN Xiao-feng (559)

Pattern formation of small multi-AUV system based on optical sensors XIE Ze-xiao, WANG Xiao-min (569)

Adaptive backstepping sliding mode control for oscillation displacement system of continuous casting mold with unmatched perturbations

..... LI Jian-xiong, ZHANG Qi-yu, GAO Chong-yi, FANG Yi-ming (578)

SLAM algorithm based on efficient loop detection and relocalization TONG Guo-feng, ZHANG Jia-wei, LIU Man-tang, YUE Xiao-yang (587)

Grouped grey wolf optimizer based optimal passive fractional-order PID control of photovoltaic inverters

..... YANG Bo, SHU Hong-chun, ZHU De-na, QIU Da-lin, YU Tao (593)

Multi-objective optimization of light oil production in atmospheric distillation column based on self-adaptive differential evolution

..... DING Jin-liang, CHEN Jia-xin, MA Xin-ran (604)

Optimal mission planning with task clustering for intensive point targets observation of staring mode agile satellite

..... GENG Yuan-zhuo, GUO Yan-ning, LI Chuan-jiang, MA Guang-fu, LI Wen-bo (613)

A method for designing H_∞ switching controller based on LPV system WU Wei-lin, XIE Wei, HE Wei, ZHANG Lang-wen (622)

Dimension reduction for multivariate time series based on crucial shape features LI Hai-lin, LIANG Ye (629)

Multi-agent decision making using Monte Carlo Q -value function ... ZHANG Jian, PAN Yao-zong, YANG Hai-tao, SUN Shu, ZHAO Hong-li (637)

Interval multi-objective programming methods for solving multi-period portfolio selection problems

..... SUN Jing, XIONG Yan, ZHANG Heng, LIU Zhi-ping (645)

FAJD blind source separation algorithm based on time-varying autoregressive model JI Ce, JIN Chao, ZHANG Ying (651)

The uncertain multi-attribute decision making methods and application based on grey entropy model with interval-type attribute values and weights

..... LIU Ren-jing, GAO Xi-han, ZHANG Guang-jun (657)

Cross-vendor order allocation model for centralized integrated scheduling of cloud platforms ... XIE Nai-ming, WU Qiao, ZHENG Shao-xiang (667)

Purchase behavior of structured products based on tri-reference point theory WANG Zong-run, HE Tang-tang (677)

Order allocation problem in many-to-many supply chain considering interdependence and capacity constraints

..... WANG Jian, ZHOU Zhuang, HUANG Qi, XIA Wei (686)

Research on production and emission reduction investment decisions of the remanufacturing enterprise under carbon trading environment

..... CHEN Yu-yu, LI Bang-yi, BAI Qing-guo, XU Jian-teng, WANG zhe (695)

Control model of organizational management for unsafe behavior considering intrinsic influence relationship

..... GUO Hai-dong, LI Hui-min, CHEN Xu, YUAN Peng-fei (704)

Dual-recycling channel for WEEE considering environmental awareness of consumers XU Min-li, XIANG Ze-hua, JIAN Hui-yun (713)

Research on allocation efficiency of regional adult education resources using the DEA model

..... ZHENG Long, ZHOU Zhong-bao, DU Yong-hao, WU Shi-jian, JIN Qian-ying, XING Li-ning (721)

Weighted hesitant fuzzy Lance distance measure of dimension reduction based on exponential entropy and its application

..... SHA Xiu-yan, YIN Chuan-cun, XU Ze-shui (728)

Symbol rate estimation of PSK signals based on cyclic correntropy in impulsive noise JIN Yan, HAO Lang-lang, JI Hong-bing (735)

Brief Papers

Robust optimization over time for constrained optimization based on swarm intelligence ... HUANG Yuan-jun, JIN Yao-chu, HAO Kuang-rong (740)

Stability and stabilization of spatially interconnected systems LIU Hua-bo, YU Hai-sheng (749)

Identification of fuzzy model of non-uniformly sampled nonlinear systems based on singular value decomposition

..... WANG Hong-wei, XIE Li-rong (757)

An enhancing probability algorithm for imbalanced datasets based on GMM-EM CHEN Gang, WU Zhen-jia (763)

Serial parameters: CN21-1124/ TP * 1986 * m * A4 * 256 * zh * P * ¥30.00 * 1200 * 30 * 2020 - 03