



QK1907121



中国仿真学会会刊

A Journal of China Simulation Federation

系统仿真学报

Journal of System Simulation

11

2018 Vol. 30

中文核心期刊要目总览
中国科学引文数据库(CSCD)核心刊
中国科技期刊统计源核心刊
RCCSE中国核心学术期刊
全球文献检索数据库SCOPUS
英国科学文摘SA/INSPEC
美国Ulrich's Periodicals Directory

专栏：工业互联网优化制造

- 基于事件驱动的云端动态任务分解模式优化方法.....王艳, 程丽军 (4029)
- 异常事件驱动的离散制造车间重调度决策.....吉卫喜, 蔡酉勇, 张朝阳, 彭威 (4043)

综述

- 面向水下无人作战系统的 MAS 建模与仿真研究综述.....梁洪涛, 康凤举, 傅妍芳 (4053)

仿真建模理论与方法

- 基于非均衡理论的出行者路径选择行为建模与仿真 [英].....黄中祥, 伍建辉, 况爱武, 张生, 许艳 (4067)
- 最优粒子初值有效估计的线阵列方向图优化算法.....仇永斌, 张树春, 王元诚, 范文澜, 李德鑫 (4079)
- 鸽视顶盖快速显著感知编码模型研究.....王松伟, 黄淑漫, 师丽, 王梦珂 (4086)
- 基于深度学习的交通流量预测.....刘明宇, 吴建平, 王钰博, 何磊 (4100)
- 实测与问卷驾驶行为数据视角的电动汽车能耗建模.....胡可臻, 吴建平, 刘明宇 (4106)
- 基于兵棋推演的联合作战方案评估框架研究.....刘海洋, 唐宇波, 胡晓峰, 乔广鹏 (4115)
- 基于改进混合 DEVS 的装备建模方法研究.....张建春, 曾艳阳, 徐文鹏, 康凤举 (4123)
- 基于自编码组合特征提取的分类方法研究.....谷丛丛, 王艳, 严大虎, 纪志成 (4132)
- 极片颗粒轧制过程的数值模拟与试验研究 [英].....肖艳军, 孔轩, 王昭, 张宗华, 肖艳春 (4141)
- 基于多智能体粒子群的协同空战目标决策研究.....付跃文, 王元诚, 陈珍, 范文澜 (4151)
- 基于 RTS 视角的指挥控制系统智能化技术.....伍文峰, 张昱, 荣明 (4158)
- 全局分配策略在级联故障中的建模与研究.....董崇杰 (4172)

仿真系统与技术

- 自然图像对的联合抠图方法.....魏毅, 商柳, 邱嘉和, 张桂娟, 朱登明, 沈燕飞 (4180)
- 基于自适应复合插值的光线投射算法 [英].....曾艳阳, 裴庆庆, 李保银 (4187)
- 基于视频的虚拟试妆应用研究 [英].....刘家远, 李晋芳, 何汉武 (4195)
- 基于语音识别控制的人体运动仿真.....王志文, 张子豪, 贾玉祥, 魏毅, 沈燕飞 (4203)
- 异构多核的一种高性能容错调度方法与仿真.....余世干, 唐志敏, 叶笑春, 张志敏 (4210)
- 可扩展作战管理本体语言研究.....汤再江, 徐享忠, 薛青 (4220)
- 海上无线传输虚拟可视化仿真平台设计与实现.....佟禹瑄, 林彬, 任鸿翔, 陶瑞 (4227)
- 改进的混合包围盒碰撞检测算法研究 [英].....王超, 张志利, 龙勇, 王韶迪 (4236)

仿真应用工程

- 基于手机定位数据的地震灾害影响场方向模拟.....张小咏, 肖迪, 苏中, 王江浩 (4244)

欠平衡钻井煤层井壁稳定有限元数值计算研究.....	李玉梅, 苏中, 张涛, 张德龙, 于丽维, 思娜	(4249)
基于滑模观测器的永磁同步电机矢量控制.....	吴定会, 杨德亮, 陈锦宝	(4256)
随钻方位伽马测井仪器响应数值模拟研究.....	孙歧峰, 段友祥, 闫亚男, 李洪强	(4268)
基于深度去噪自编码器的RGB-D视频目标跟踪.....	姜明新, 潘志庚, 王兰芳, 胡铸鑫	(4276)
基于改进樽海鞘群算法的PMSM多参数辨识.....	王梦秋, 王艳, 纪志成	(4284)
基于高频线性调频连续波的生命体征测量研究.....	王天润, 苏中, 刘宁	(4292)
云模型属性加权聚类服务推荐信任度算法.....	王晋东, 于智勇, 张恒巍, 方晨	(4298)
基于组合权重的制造系统能效贝叶斯评价方法.....	曹东风, 王艳	(4313)
基于仿真数据驱动的空间信息网络建模方法.....	杨兴, 吴静, 周建国, 江昊, 朱劼	(4323)
基于惯性测量单元的激光雷达点云融合方法.....	张艳国, 李擎	(4334)
拦截低慢小目标的指控系统建模与仿真.....	张志鹏, 苏中	(4340)
面向云端融合的任务-资源双边匹配决策模型.....	程丽军, 王艳	(4348)
改进的零速修正算法在行人自主导航中的应用.....	汪天生, 李擎	(4359)
离散制造过程生产协同能耗优化调度方法.....	陈文杰, 王艳	(4367)
不同开关表下PMSM直接转矩控制性能仿真研究.....	罗浩源, 袁登科, 胡宗杰	(4375)
一种12维零速状态更新的智能行人航位推算.....	刘恒志, 李擎	(4387)
基于自适应模糊PID的飞机客舱温度控制 [英].....	李宗帅, 张思博	(4395)
花授粉算法求解多目标模糊柔性作业车间调度.....	徐文豪, 王艳, 严大虎, 纪志成	(4403)
基于改进极限学习机的滚动轴承故障诊断.....	王田田, 王艳, 纪志成	(4413)
广州花都区电动汽车共享服务仿真研究 [英].....	李婷婷, 吴建平	(4421)
信号交叉口进口道掉头设置条件研究 [英].....	邵海鹏, 王宇轩, 陈兴影, 郑斌斌	(4429)
基于改进极限学习机的风电功率预测仿真研究.....	王浩, 王艳, 纪志成	(4437)
无人运输船舶的直线航迹反步自适应滑模控制 [英].....	李明聪, 郭晨, 袁毅	(4448)
基于仿真的医院药房分拣系统分析与优化.....	刘爽, 吕超	(4454)
基于核相关滤波器无标识AR的目标跟踪仿真.....	张志利, 王超, 龙勇, 王韶迪	(4462)
改进入侵杂草算法求解柔性作业车间调度问题.....	张新, 李珂, 严大虎, 纪志成	(4469)
灰靶算法的改进及在舰用燃气轮机评估中的应用.....	王同庆, 梅珊, 李小波, 刘佳杰	(4477)
融合ZigBee的改进射频识别室内定位算法研究.....	严大虎, 徐杨杰	(4484)

短文

基于多域融合CNN的高速列车转向架故障检测.....	吴昀璞, 金炜东, 黄颖坤	(4492)
----------------------------	---------------	--------

动态与信息

《系统仿真学报》获奖证书.....	封 2
《系统仿真学报》2018 年版权页.....	封底

期刊基本参数: CN11-3092/V*1989*m*A4*469*zh*P*50.00*53*2018-11

Event Triggered Optimization Method for Dynamic Task Decomposition Mode in Cloud Fusion.....	
.....Wang Yan, Cheng Lijun	(4029)
Abnormal Event Driven Rescheduling Decision Making in Discrete Manufacturing Workshop.....	
.....Ji Weixi, Cai Youyong, Zhang Chaoyang, Peng Wei	(4043)
Overview of Multi-agents Modeling and Simulation for Underwater Unmanned Combat Systems.....	
.....Liang Hongtao, Kang Fengju, Fu Yanfang	(4053)
Modeling and Simulation of Travelers' Route Choice Behavior Based on Disequilibrium Theory [Eng.]..	
.....Huang Zhongxiang, Wu Jianhui, Kuang Aiwu, Zhang Sheng, Xu Yan	(4067)
Linear Array Pattern Optimization Algorithm for Effective Estimation of Optimum Particle Initial Values	
.....Chou Yongbin, Zhang Shuchun, Wang Yuancheng, Fan Wenlan, Li Dexin	(4079)
Neural Coding Model for Fast and Significant Perceptual in the Pigeon Optic Tectum.....	
.....Wang Songwei, Huang Shuman, Shi Li, Wang Mengke	(4086)
Traffic Flow Prediction Based on Deep Learning.....	
.....Liu Mingyu, Wu Jianping, Wang Yubo, He Lei	(4100)
Modelling of EVs Energy Consumption from Perspective of Field Test Data and Driving Style Questionnaires	
.....Hu Kezhen, Wu Jianping, Liu Mingyu	(4106)
Research on Evaluation Framework of COA Based on Wargaming.....	
.....Liu Haiyang, Tang Yubo, Hu Xiaofeng, Qiao Guangpeng	(4115)
Improved Hybrid DEVS-based Equipment Modeling Method.....	
.....Zhang Jianchun, Zeng Yanyang, Xu Wenpeng, Kang Fengju	(4123)
Research on Classification Based on Autoencoder Combination Features Extraction Method.....	
.....Gu Congcong, Wang Yan, Yan Dahu, Ji Zhicheng	(4132)
Numerical Simulation and Experimental Study on the Rolling Process of Polar Particles [Eng.].....	
.....Xiao Yanjun, Kong Xuan, Wang Zhao, Zhang Zonghua, Xiao Yanchun	(4141)
Target Decision in Collaborative Air Combats Using Multi-agent Particle Swarm Optimization.....	
.....Fu Yuewen, Wang Yuancheng, Chen Zhen, Fan Wenlan	(4151)
Intelligent Technology of Command and Control System in the RTS Perspective.....	
.....Wu Wenfeng, Zhang Yu, Rong Ming	(4158)
Modeling and Research of Global Allocation Policy in Cascading Failures.....	
.....Dong Chongjie	(4172)
Co-matting of Natural Image Pairs.....	
.....Wei Yi, Shang Liu, Qiu Jiahe, Zhang Guijuan, Zhu Dengming, Shen Yanfei	(4180)
Ray-casting Algorithm Based on Adaptive Compound Interpolation [Eng.].....	
.....Zeng Yanyang, Pei Qingqing, Li Baokun	(4187)
Application of Virtual Trial Makeup Based on Video [Eng.].....	
.....Liu Jiayuan, Li Jinfang, He Hanwu	(4195)
Human Motion Simulation Based on Speech Recognition Control.....	
.....Wang Zhiwen, Zhang Zihao, Jia Yuxiang, Wei Yi, Shen Yanfei	(4203)
High Performance Fault-tolerant Scheduling Method and Simulation for Heterogeneous Multicore.....	
.....Yu Shigan, Tang Zhimin, Ye Xiaochun, Zhang Zhimin	(4210)
Extensible Battle Management Ontology Language.....	
.....Tang Zaijiang, Xue Xiangzhong, Xue Qin	(4220)
Design and Implementation of Virtual Visual Simulation Platform for Maritime Wireless Transmission..	
.....Tong Yuxuan, Lin Bin, Ren Hongxiang, Tao Rui	(4227)
Improved Hybrid Bounding Box Collision Detection Algorithm [Eng.].....	
.....Wang Chao, Zhang Zhili, Long Yong, Wang Shaodi	(4236)
Simulation of Earthquake Disaster Affecting Field Direction Based on Mobile Phone Positioning Data....	
.....Zhang Xiaoyong, Xiao Di, Su Zhong, Wang Jianghao	(4244)
Numerical Simulation of Borehole Stability in Underbalanced Drilling Coal Seam.....	
.....Li Yumei, Su Zhong, Zhang Tao, Zhang Delong, Yu Liwei, Si Na	(4249)
Vector Control of PMSM Based on Sliding Mode Observer.....	
.....Wu Dinghui, Yang Deliang, Chen Jinbao	(4256)
Forward Algorithm of LWD Azimuthal Gamma.....	
.....Sun Qifeng, Duan Youxiang, Yan Yanan, Li Hongqiang	(4268)

Visual Object Tracking Algorithm Based on Deep Denoising Autoencoder over RGB-D Data.....
.....Jiang Mingxin, Pan Zhigeng, WangLanfang, Hu Taoxin (4276)

Permanent Magnet Synchronous Motor Multi-parameter IdentificationBased on Improved Salp Swarm Algorithm
.....Wang Mengqiu, Wang Yan, Ji Zhicheng (4284)

Vital Signs Measurement Based on High-Frequency Linear Frequency-Modulated Continuous Wave.....
.....Wang Tianrun, Su Zhong, Liu Ning (4292)

Service Recommended Trust Algorithm Based on Cloud Model Attributes Weighted Clustering.....
.....Wang Jindong, Yu Zhiyong, Zhang Hengwei, Fang Chen (4298)

Bayesian Evaluation Method for Energy Efficiency of Manufacturing System Based on Combined Weights
.....Cao Dongfeng, Wang Yan (4313)

Simulation Data-Driven Modeling Approach for Space Information Network.....
.....Yang Xing, Wu Jing, Zhou Jianguo, Jiang Hao, Zhu Jie (4323)

Multi-frame Fusion Method for Point Cloud of LiDAR Based on IMU.....Zhang Yanguo, Li Qing (4334)

Modeling and Simulation of C2 System for Intercepting LSS Targets.....Zhang Zhipeng, Su Zhong (4340)

Two-sided Matching Decision Model between Task and Resource for Cloud Fusion.....
.....Cheng Lijun, Wang Yan (4348)

Application of Improved ZUPT in Pedestrian Self-Navigation.....Wang Tiansheng, Li Qing (4359)

Collaborative Optimal Scheduling Method for Production and Energy Consumption in Discrete Manufacturing
Process.....Chen Wenjie, Wang Yan (4367)

Simulation Study on Control Performance of PMSM-DTC under Different Switching Tables.....
.....Luo Haoyuan, Yuan Dengke, Hu Zongjie (4375)

12-dimensional Zero Velocity State Updating Intelligent Algorithm for Pedestrian Dead Reckoning.....
.....Liu Hengzhi, Li Qing (4387)

Designing a Self-Adaptive Fuzzy PID Controller for Aircraft Cabin Temperature [Eng.].....
.....Li Zongshuai, Zhang Sibo (4395)

Flower Pollination Algorithm for Multi-Objective Fuzzy Flexible Job Shop Scheduling.....
.....Xu Wenhao, Wang Yan, Yan Dahu, Ji Zhicheng (4403)

Fault Diagnosis of Rolling Bearing Based on Improved Extreme Learning Machine.....
.....Wang Tiantian, Wang Yan, Ji Zhicheng (4413)

Simulation Study of EV Sharing Service in Huadu District, Guangzhou [Eng.]....Li Tingting, Wu Jianping (4421)

Setting Conditions of U-turns at Entrances of Signalized Intersections [Eng.]
.....Shao Haipeng, Wang Yuxuan, Chen Xingying, Zheng Binbin (4429)

Simulation of Wind Power Prediction Based on Improved ELM.....Wang Hao, Wang Yan, Ji Zhicheng (4437)

Adaptive Backstepping Sliding Mode Control for Straight Line Track of Unmanned Transport Ship [Eng.]
.....Li Mingcong, Guo Chen, Yuan Yi (4448)

Analysis and Optimization of Hospital Pharmacy Sorting System Based on Simulation.....
.....Liu Shuang, Lü Chao (4454)

Target Tracking Simulation for Unmarked Augmented Reality System Based on KCF.....
.....Zhang Zhili, Wang Chao, Long Yong, Wang Shaodi (4462)

Improved Intrusion Weed Algorithm for Solving Flexible Job Shop Scheduling Problem.....
.....Zhang Xin, Li Ke, Yan Dahu, Ji Zhicheng (4469)

Improvement of Grey Target Algorithm and Its Application in Assessment of Marine Gas Turbine.....
.....Wang Tongqing, Mei Shan, Li Xiaobo, Liu Jiajie (4477)

Indoor Positioning Algorithm Based on ZigBee and Improved Radio Frequency Identification.....
.....Yan Dahu, Xu Yangjie (4484)

Fault Diagnosis of High Speed Train Bogie Based on Multi-domain Fusion CNN.....
.....Wu Yunpu, Jin Weidong, Huang Yingkun (4492)

Journal of System Simulation, a publication of China Simulation Federation

Chief Editors: *LI Bo-hu, ZHAO Qin-ping*; Managing Editor: *ZHAO Jing-ying*

P. O. Box 142-13, Beijing 100854, China; e-mail: simu-xb@vip.sina.com; [http://: www.china-simulation.com](http://www.china-simulation.com)

Journal of System Simulation—a journal of China Simulation Federation

Editors-in-chief: *LI Bohu ZHAO Qinping*

The Editorial Board of Journal of System Simulation

《系统仿真学报》编辑委员会 (以姓氏笔画为序)

顾问 Consultants:

文传源 Wen Chuanyuan	王子才 Wang Zicai	王正中 Wang Zhengzhong	王精业 Wang Jingye
吴启迪 Wu Qidi	汪成为 Wang Chengwei	陈宗基 Chen Zongji	陈定昌 Chen Dingchang
黄先祥 Huang Xianxiang	黄柯棣 Huang Kedi	曹建国 Cao Jianguo	康凤举 Kang Fengju
彭晓源 Peng Xiaoyuan	熊光炯 Xiong Guangleng		

主编 Editors-in-chief:

李伯虎 Li Bohu 赵沁平 Zhao Qinping

副主编 Associate Editors-in-chief:

李国雄 Li Guoxiong	杨明 Yang Ming	邱晓刚 Qiu Xiaogang	张霖 Zhang Lin
范文慧 Fan Wenhui	胡晓峰 Hu Xiaofeng	费敏锐 Fei Minrui	熊新平 Xiong Xinping

委员 Members:

Axel Lehmann [DE]	Yun Bae Kim [KR]	Kang Sun Lee [KR]	Gary Tan [SG]
Yahaya Md. Sam [MY]	Koji Koyamada [JP]	Satoshi Tanaka [JP]	丁国富 Ding Guofu
王玮 Wang Wei	王雨时 Wang Yushi	王俊峰 Wang Junfeng	方胜良 Fang Shengliang
史小平 Shi Xiaoping	李果 Li Guo	尹勇 Yin Yong	李革 Li Ge
李仁发 Li Renfa	李康顺 Li Kangshun	李中华 Li Zhonghua	朱一凡 Zhu Yifan
任卫群 Ren Weiqun	纪志成 Ji Zhicheng	刘金 Liu Jin	刘世光 Liu Shiguang
刘晓平 Liu Xiaoping	汤铭端 Tang Mingduan	吴云洁 Wu Yunjie	何明 He Ming
何秋茹 He Qiuru	邹湘军 Zou Xiangjun	张存泉 Zhang Cunquan	张亚崇 Zhang Yachong
张林鎰 Zhang Linxuan	张捍东 Zhang Handong	陈岭 Chen Ling	陈勇 Chen Yong
陈小惠 Chen Xiaohui	陈宗海 Chen Zonghai	陈建华 Chen Jianhua	陈德运 Chen Deyun
邵晨曦 Shao Chenxi	金炜东 Jin Weidong	周坚刚 Zhou Jiangang	周前祥 Zhou Qianxiang
庞国锋 Pang Guofeng	郑新奇 Zheng Xinqi	孟秀云 Meng Xiuyun	赵志刚 Zhao Zhigang
胡明伟 Hu Mingwei	胡绍林 Hu Shaolin	战晓苏 Zhan Xiaosu	段海滨 Duan Haibin
姚益平 Yao Yiping	郭晨 Guo Chen	聂生东 Nie Shengdong	柴旭东 Chai Xudong
徐凌宇 Xu Lingyu	高慧敏 Gao Huimin	唐勇 Tang Yong	唐贻发 Tang Yifa
黄安祥 Huang Anxiang	龚光红 Gong Guanghong	崔建江 Cui Jianjiang	廖瑛 Liao Ying

主管单位: 中国航天科工集团有限公司

主办单位: 北京仿真中心 中国仿真学会

协办单位: 航天系统仿真重点实验室

主编: 李伯虎 赵沁平

本期副主编: 李国雄 胡晓峰 杨明

终审编委: 何秋茹

编辑部主任: 赵京颖

编辑: 杨跃军 王娜 张凌霏 沈蓉晖

英文编辑: 信沛华

<http://www.china-simulation.com>

e-mail: simu-xb@vip.sina.com

Address: P. O. Box 142-13, Beijing 100039, China

联系电话: 010-88527147 / 010-68388709

编辑部地址: 北京市海淀区永定路50号院

通讯地址: 北京市142信箱13分箱系统仿真学报编辑部

邮政编码: 100039

印刷装订: 北京科信印刷有限公司 (邮编102208)

印厂地址: 北京市昌平区回龙观七北路马连店甲6号

国际标准连续出版物号: ISSN 1004-731X

国内统一连续出版物号: CN 11-3092/V

邮发代号: 82-9

出版时间: 每月8日

全年定价: 600元

每期定价: 50元

ISSN 1004-731X



9 771004 731184