

第 48 卷 第 7 期 2018 年 7 月

目 次

复杂系统智能仿真与控制专刊

复杂系统仿真的模型重用研究	743
刘营, 张霖, 赖李媛君	
复杂仿真系统可信度评估研究进展	767
李伟, 林圣琳, 周玉臣, 马萍, 杨明	
涡轮叶片冷却结构设计中基于 MBSE 的多学科建模方法	783
王成恩	
基于多智能体的装备保障体系建模与仿真	794
寇力, 范文慧, 宋爽, 尹丽丽	
“互联网+”条件下制造业协作关系优化升级	810
耿超, 曲世友, 林廷宇, 肖莹莹, 贾政轩, 施国强, 王政, 马秋丹	
基于强制稀疏自编码神经网络的防空作战体系效能回溯分析方法	824
郭圣明, 贺筱媛, 吴琳, 胡晓峰	
基于深度卷积网络与尺度不变特征变换的行人跟踪框架	841
陈凯, 宋晓, 刘敬	
基于自适应颜色模型的炉膛火焰识别方法	856
张平改, 费敏锐, 王灵, 彭晨, 周文举	
两项时间混合分数阶扩散波动方程的有限元高精度分析	871
魏亚冰, 赵艳敏, 唐贻发, 王芬玲, 史争光, 李匡郢	
双判别器生成对抗网络及其在接触网鸟巢检测与半监督学习中的应用	888
金炜东, 杨沛, 唐鹏	
基于聚集 Bayes 压缩感知的射频层析成像	903
谭家驹, 秦乐, 赵新, 郭雪梅, 王国利	
基于改进共空间模式与深度信念网络的脑电信号识别算法研究	919
项伟, 吴迎年	
基于 Pregel 的大规模网络传播仿真算法设计及实现	932
艾川, 陈彬, 刘亮, 董健, 何凌南, 赖凯声, 邱晓刚	
自适应控制的虚拟等价系统理论及仿真验证	947
张维存, 魏伟	

Volume 48 Number 7 July 2018

Contents

Special Issue on Intelligent Simulation and Control for Complex Systems

Study on model reuse for complex system simulation.....	743
Ying LIU, Lin ZHANG & Yuanjun LAILI	
Research progress on credibility assessment of a complex simulation system.....	767
Wei LI, Shenglin LIN, Yuchen ZHOU, Ping MA & Ming YANG	
MBSE-based multidisciplinary modeling for designing turbine blade cooling structures.....	783
Cheng'en WANG	
Modeling and simulation method of equipment support system based on multiple agents	794
Li KOU, Wenhui FAN, Shuang SONG & Lili YIN	
The optimization and upgrading of the collaborative relationship in “Internet +” manufacturing industry.....	810
Chao GENG, Shiyou QU, Tingyu LIN, Yingying XIAO, Zhengxuan JIA, Guoqiang SHI, Mei WANG & Qiudan MA	
Backtracking analysis approach for effectiveness of air defense operation system of systems based on force-sparsified stacked-autoencoding neural networks.....	824
Shengming GUO, Xiaoyuan HE, Lin WU & Xiaofeng HU	
Pedestrian tracking framework based on deep convolution network and SIFT.....	841
Kai CHEN, Xiao SONG & Jing LIU	
Identification method for furnace flame based on adaptive color model	856
Pinggai ZHANG, Minrui FEI, Ling WANG, Chen PENG & Wenju ZHOU	
High-accuracy analysis of finite-element method for two-term mixed time-fractional diffusion-wave equations	871
Yabing WEI, Yanmin ZHAO, Yifa TANG, Fenling WANG, Zhengguang SHI & Kuangyin LI	
Double discriminator generative adversarial networks and their application in detecting nests built in catenary and semisupervised learning.....	888
Weidong JIN, Pei YANG & Peng TANG	
Radio tomographic imaging based on cluster Bayesian compressive sensing.....	903
Jiaju TAN, Le QIN, Xin ZHAO, Xuemei GUO & Guoli WANG	
Research on EEG recognition based on improved-common spatial patterns and deep-belief network algorithm	919
Wei XIANG & Yingnian WU	
Design and implementation of large-scale network propagation simulation method inspired by Pregel mechanism.....	932
Chuan AI, Bin CHEN, Liang LIU, Jian DONG, Lingnan HE, Kaisheng LAI & Xiaogang QIU	
Virtual equivalent system theory for adaptive control and simulation verication	947
Weicun ZHANG & Wei WEI	