

Embracing informationization 3.0—an era of computing intelligence.....010001(2)
Hong MEI

Special Focus on Analysis and Control of Finite-Valued Network Systems

Special focus on analysis and control of finite-valued network systems.....010200(2)
Haitao LI, Tielong SHEN & Jianquan LU
From STP to game-based control010201(19)
Daizhan CHENG, Hongsheng QI & Zequn LIU
A survey on applications of semi-tensor product method in engineering010202(17)
Haitao LI, Guodong ZHAO, Min MENG & June FENG
Logical control scheme with real-time statistical learning for residual gas fraction in IC engines010203(13)
Xun SHEN, Yuhu WU & Tielong SHEN
Nonsingularity of Grain-like cascade FSRs via semi-tensor product.....010204(12)
Jianquan LU, Meilin LI, Yang LIU, Daniel W.C. HO & Jürgen KURTHS
Modeling and analysis of colored petri net based on the semi-tensor product of matrices.....010205(16)
Jiantao ZHAO, Zengqiang CHEN & Zhongxin LIU

RESEARCH PAPER

Robust sparse representation based face recognition in an adaptive weighted spatial pyramid structure012101(13)
Xiao MA, Fandong ZHANG, Yuelong LI & Jufu FENG
Updatable timed automata with one updatable clock.....012102(14)
Guoqiang LI, Yunqing WEN & Shoji YUEN
Decidability of linearizabilities for relaxed data structures012103(10)
Chao WANG, Yi LV & Peng WU
Non-uniform EWMA-PCA based cache size allocation scheme in Named Data Networks012104(13)
Narges MEHRAN & Naser MOVAHHEDINIA
Toward multi-programmed workloads with different memory footprints: a self-adaptive last level cache scheduling scheme012105(14)
Jingyu ZHANG, Minyi GUO, Chentao WU & Yuanyi CHEN
Mission evaluation: expert evaluation system for large-scale combat tasks of the weapon system of systems012106(19)
Jianfei DING, Guangya SI, Jun MA, Yanzheng WANG & Zhe WANG
A study on the changes of dynamic feature code when fixing bugs: towards the benefits and costs of Python dynamic features.....012107(18)
Zhifei CHEN, Wanwangying MA, Wei LIN, Lin CHEN, Yanhui LI & Baowen XU
Quasi-consistent fusion navigation algorithm for DSS.....012201(17)
Qiya SU, Yi HUANG, Yanguang JIANG & Haitao FANG
Optimal control data scheduling with limited controller-plant communication.....012202(15)
Jiapeng XU, Chenglin WEN & Daxing XU
Impulsive control of unstable neural networks with unbounded time-varying delays.....012203(14)
Xiaodi LI, Shiji SONG & Jianhong WU
Economic power dispatch in smart grids: a framework for distributed optimization and consensus dynamics.....012204(16)
Wenwu YU, Chaojie LI, Xinghuo YU, Guanghui WEN & Jinhu LU
Automatic salient object sequence rebuilding for video segment analysis.....012205(12)
Tie LIU, Haibin DUAN, Yuanyuan SHANG, Zejian YUAN & Nanning ZHENG

MOOP

An optimization-based shared control framework with applications in multi-robot systems.....014201(3)
Hao FANG, Chengsi SHANG & Jie CHEN

HIGHLIGHT

Accurate inference of user popularity preference in a large-scale online video streaming system.....018101(3)
Xiaoying TAN, Yuchun Guo, Yishuai CHEN & Wei ZHU
Model-based variational fusion for reducing spectral distortion018102(3)
Zeming ZHOU, Chaoqian CHEN, Yong MENG & Biao HU
Robust video denoising with sparse and dense noise modelings.....018103(3)
Guiping SHEN, Zhi HAN, Xi'ai CHEN & Yandong TANG
Two-stage local constrained sparse coding for fine-grained visual categorization018104(3)
Lihua GUO, Chenggang GUO, Lei LI, Qinghua HUANG, Yanshan LI & Xuelong LI

LETTER

Integral cryptanalysis of SPN ciphers with binary permutations.....019101(3)
Hailong SONG & Yuechuan WEI
An impropriety message scheduling based on modified genetic algorithm for time-triggered Ethernet019102(3)
Yingjing ZHANG, Feng HE, Guangshan LU & Huagang XIONG