

# IEEE TRANSACTIONS ON SYSTEMS, MAN, AND CYBERNETICS: SYSTEMS

A PUBLICATION OF THE IEEE SYSTEMS, MAN, AND CYBERNETICS SOCIETY

AUGUST 2016

VOLUME 46

NUMBER 8

ITSMFE

(ISSN 2168-2216)

---

## PAPERS

A General Real-Time Control Approach of Intrusion Response for Industrial Automation Systems .....	S. Huang, C. Zhou, N. Xiong, S.-H. Yang, Y. Qin, and Q. Zhang	1021
A Simulation Tool for Examining the Effect of Communications on Disaster Response in the Oil and Gas Industry .....	A. Singh, R. Adams, I. Dookie, and S. Kissoon	1036
Bilevel Game-Theoretic Optimization for Product Adoption Maximization Incorporating Social Network Effects .....	F. Zhou, R. J. Jiao, and B. Lei	1047
Performance Evaluation of Transactional Composite Web Services .....	Z. Ding, Y. Sun, C. Jiang, M. Zhou, J. Liu, and W. Song	1061
A Lightweight Social Computing Approach to Emergency Management Policy Selection .....	M. Tang, H. Zhu, and X. Mao	1075
Solving Distributed Unit Commitment Problem With Walrasian Auction .....	T. Miyamoto, K. Mori, S. Kitamura, and Y. Izui	1088
Impact of Visual-Haptic Spatial Discrepancy on Targeting Performance .....	C.-G. Lee, I. Oakley, E.-S. Kim, and J. Ryu	1098
Pinning Control for Synchronization of Coupled Reaction-Diffusion Neural Networks With Directed Topologies .....	J.-L. Wang, H.-N. Wu, T. Huang, S.-Y. Ren, and J. Wu	1109
Design Framework of Image Sensor System Based on Dynamic Range Extension by Adding Noise for Saturated Conditions .....	Y. Tadokoro, S. Kasai, A. Ichiki, and H. Tanaka	1121
Production and Maintenance Policies for an EPQ Model With Perfect Repair, Rework, Free-Repair Warranty, and Preventive Maintenance .....	G.-L. Liao	1129
Improving Analytic Hierarchy Process Expert Allocation Using Optimal Computing Budget Allocation .....	E. Huang, S. Zhang, L. H. Lee, E. P. Chew, and C.-H. Chen	1140

---

## CORRESPONDENCE

Satellite Objects Extraction and Classification Based on Similarity Measure .....	L. Shen, C.-J. Jiang, and G.-J. Liu	1148
---	-------------------------------------	------

---

## ANNOUNCEMENTS

Call for Papers—IEEE TRANSACTIONS ON SYSTEMS, MAN, AND CYBERNETICS: SYSTEMS Special Issue on Efficient and Rapid Machine Learning Algorithms for Big Data and Dynamic Varying Systems .....	1155
---	------

---