

IEEE TRANSACTIONS ON SYSTEMS, MAN, AND CYBERNETICS

PART A: SYSTEMS AND HUMANS

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

JANUARY 2011

VOLUME 41

NUMBER 1

ITSHFX

(ISSN 1083-4427)

PAPERS

- Learning From Humans: Agent Modeling With Individual Human Behaviors *H. Hattori, Y. Nakajima, and T. Ishida* 1
- A Generalized Influence Model for Networked Stochastic Automata *W. J. Richoux and G. C. Verghese* 10
- People Counting and Human Detection in a Challenging Situation *Y.-L. Hou and G. K. H. Pang* 24
- Formalizing Functional Flow Block Diagrams Using Process Algebra and Metamodels
. *A. I. McInnes, B. K. Eames, and R. Grover* 34
- Ontology for Developing Web Sites for Natural Disaster Management: Methodology and Implementation
. *C.-H. Chou, F. M. Zahedi, and H. Zhao* 50
- Integration of Decision Analysis and Scenario Planning for Coastal Engineering and Climate Change
. *C. W. Karvetski, J. H. Lambert, J. M. Keisler, and I. Linkov* 63
- Resource-Transition Circuits and Siphons for Deadlock Control of Automated Manufacturing Systems
. *K. Xing, M. C. Zhou, F. Wang, H. Liu, and F. Tian* 74
- A Credibilistic Approach to Assumption-Based Truth Maintenance *Q. Shen and R. Zhao* 85
- Optimal Control-Based Strategy for Sensor Deployment *A. Ababnah and B. Natarajan* 97
- A Framework for Information-Based Sensor Management for the Detection of Static Targets
. *M. P. Kolba, W. R. Scott, Jr., and L. M. Collins* 105
- OWLPath: An OWL Ontology-Guided Query Editor
. *R. Valencia-García, F. García-Sánchez, D. Castellanos-Nieves, and J. T. Fernández-Breis* 121
- A Generalized Minimal Hitting-Set Algorithm to Handle Diagnosis With Behavioral Modes *M. Nyberg* 137
- Expanding Service Capacities and Increasing Service Reliabilities for the Grid-Based Utility Computing
. *S.-Y. Lin, S.-C. Horng, and C.-Z. Lin* 149

CORRESPONDENCE

- Q-Aura: A Quantitative Model for Managing Mutual Awareness of Smart Social Artifacts
. *S. W. Loke, S. Ling, M. Indrawan, and E. Leung* 161
- Nonlinear Programming Model Integrating Different Preference Structures *Z. Xu, X. Cai, and S. Liu* 169
- Two-Stage Fuzzy Logic Controller for Signalized Intersection *J. Qiao, N. Yang, and J. Gao* 178
- Output Feedback Control of Discrete-Time Systems in Networked Environments *C. Peng, Y.-C. Tian, and D. Yue* 185
- Online Support Vector Regression With Varying Parameters for Time-Dependent Data
. *O. A. Omitaomu, M. K. Jeong, and A. B. Badiru* 191

ANNOUNCEMENTS

- Call for Papers—IEEE TRANSACTIONS ON SYSTEMS, MAN, AND CYBERNETICS, PART A—SYSTEMS AND HUMANS Special Issue
on Health Care Management and Optimization 198
- Call for Papers—IEEE TRANSACTIONS ON SYSTEMS, MAN, AND CYBERNETICS, PART A—SYSTEMS AND HUMANS Special Issue
on Systems and Synthetic Biology 199

请阅后放回:

排架号 E225 处

