

IEEE TRANSACTIONS ON SYSTEMS, MAN, AND CYBERNETICS

PART A: SYSTEMS AND HUMANS

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

MARCH 2010

VOLUME 40

NUMBER 2

ITSHFX

(ISSN 1083-4427)

PAPERS

- Capabilities of Dynamic Reconfiguration of Multiagent-Based Industrial Control Systems *P. Vrba and V. Mařík* 213
- On Deception Detection in Multiagent Systems *E. Santos, Jr. and D. Li* 224
- Human-Centered Safety Analysis of Prospective Road Designs
. *A. Gregoriades, A. Sutcliffe, G. Papageorgiou, and P. Louvieris* 236
- Real-Time Adaptive Automation System Based on Identification of Operator Functional State in Simulated Process
Control Operations
. *C.-H. Ting, M. Mahfouf, A. Nassef, D. A. Linkens, G. Panoutsos, P. Nickel, A. C. Roberts, and G. R. J. Hockey* 251
- Sailing on Friday: Developing the Link Between Safety Culture and Performance in Safety-Critical Systems
. *M. Grabowski, Z. You, H. Song, H. Wang, and J. R. W. Merrick* 263
- The Analytic Supporting Tools for Business Reengineering With System Integration Design *Y. Zhou and Y. Chen* 285
- Estimating Workforce-Related Economic Impact of a Pandemic on the Commonwealth of Virginia
. *M. J. Orsi and J. R. Santos* 301
- Human-Agent Collaboration for Time-Stressed Multicontext Decision Making
. *X. Fan, M. McNeese, B. Sun, T. Hanratty, L. Allender, and J. Yen* 306
- Integrated Model-Based and Data-Driven Diagnosis of Automotive Antilock Braking Systems
. *J. Luo, M. Namburu, K. R. Pattipati, L. Qiao, and S. Chigusa* 321
- Automated Modeling of Dynamic Reliability Block Diagrams Using Colored Petri Nets
. *R. Robidoux, H. Xu, L. Xing, and M. C. Zhou* 337
- Fuzzy Performance Evaluation of Workflow Stochastic Petri Nets by Means of Block Reduction
. *L. C. Tsironis, D. S. Sfiris, and B. K. Papadopoulos* 352
- Supervised and Unsupervised Learning by Using Petri Nets *V. R. L. Shen, Y.-S. Chang, and T. T.-Y. Juang* 363
- A Petri Net Approach to Analysis and Composition of Web Services *P. Xiong, Y. Fan, and M. C. Zhou* 376
- Sensor-Deployment Strategies for Indoor Robot Navigation *C.-H. Lin and C.-T. King* 388

CORRESPONDENCE

- Robust Extended Kalman Filtering for Nonlinear Systems With Stochastic Uncertainties . . . *X. Kai, C. Wei, and L. Liu* 399
- Decentralized Diagnosis for Nonfailures of Discrete Event Systems Using Inference-Based Ambiguity Management
. *S. Takai and R. Kumar* 406
- Concept Representation and Database Structures in Fuzzy Social Relational Networks *R. R. Yager* 413
- Incomplete Multigranulation Rough Set *Y. Qian, J. Liang, and C. Dang* 420
- Corrections to "Constrained Weapon-Target Assignment: Enhanced Very Large Scale Neighborhood Search Algorithm"
. *M.-Z. Lee* 432

请阅后放回:

排架号 E225 处

