Robust Control of Discrete-time Singular Markovian Jump Systems with Partially Unknown Transition Probabilities by Static Output Feedback
J.-H. Wang, Q.-L. Zhang, and F. Bai 1313

An Adaptive Fault-tolerant Robust Controller with Fault Diagnosis for Submarine's Vertical Movement
Z. Yu, F. Wang, and L. Liu 1337

Stability of Impulsive Systems with Time Window via Comparison Method
J. Tan, C. Li, and T. Huang 1346

Quaternion-based Finite-time Control for Attitude Tracking of the Spacecraft without Unwinding
Y. Guo, S.-M. Song, and X.-H. Li 1351

An Output Feedback Coordinated Tracking Controller for High-order Linear Systems
K. Ryu and J. Back 1360

Impulsive Output Consensus of Networked Passive Systems
H. Jiang, L. Zhang, J. Yu, and C. Zhou 1369

Threshold Selector for Fault Detection on Closed-loop Predictor-based Recurrent Neural Networks Identification
Y.-M. Kim 1375

Gain-Scheduled Controller Design for Discrete-Time Linear Parameter Varying Systems with Multiplicative Noises
C.-C. Ku and G.-W. Chen 1382

Performance Comparison of Covariance-assignment State Estimators with Inertial Observations
S. Ko, S. Kang, and J. Cho 1391

Local H∞ Controller Design for Continuous-time T-S Fuzzy Systems
D. H. Lee, J. B. Park, and Y. H. Joo 1409

Prescribed Performance Fuzzy Backstepping Control for Nonlinear Large-scale Systems
J.-M. Lee 1450

Improved Stability Criteria for T-S Fuzzy Systems with Time-varying Delay by Delay-partitioning Approach
J. Yang, W.-P. Liu, Y.-H. Wang, and C.-S. Duan 1521

Projection Spectral Analysis
H. Kang and J. Ha 1530

New Results in Common Functional State Estimation for Two Linear Systems with Unknown Inputs
J.-Y. Ng, C.-P. Tan, K.-Y. Ng, and H. Trinh 1538

New Conditions for Nonlinear Observer Error Linearizability with Computer Programming
H.-G. Lee, H. Na, J. Kang, and J. Kim 1544

Asymptotical Stability for 2-D Stochastic Coupled FMII Models on Networks
J.-R. Cui, Q. Li, G.-D. Hu, Z.-Y. Tao, and Z.-Y. Lu 1550

### REGULAR PAPERS
### Control Theory

- Robust Control of Discrete-time Singular Markovian Jump Systems with Partially Unknown Transition Probabilities by Static Output Feedback
  J.-H. Wang, Q.-L. Zhang, and F. Bai
- An Adaptive Fault-tolerant Robust Controller with Fault Diagnosis for Submarine’s Vertical Movement
  Z. Yu, F. Wang, and L. Liu
- Stability of Impulsive Systems with Time Window via Comparison Method
  J. Tan, C. Li, and T. Huang
- Quaternion-based Finite-time Control for Attitude Tracking of the Spacecraft without Unwinding
  Y. Guo, S.-M. Song, and X.-H. Li
- An Output Feedback Coordinated Tracking Controller for High-order Linear Systems
  K. Ryu and J. Back
- Impulsive Output Consensus of Networked Passive Systems
  H. Jiang, L. Zhang, J. Yu, and C. Zhou
- Threshold Selector for Fault Detection on Closed-loop Predictor-based Recurrent Neural Networks Identification
  Y.-M. Kim
- Gain-Scheduled Controller Design for Discrete-Time Linear Parameter Varying Systems with Multiplicative Noises
  C.-C. Ku and G.-W. Chen
- Performance Comparison of Covariance-assignment State Estimators with Inertial Observations
  S. Ko, S. Kang, and J. Cho

### Control Applications

- Optic-based Wireless Sensor Node Localization using MEMS CCR
  H. C. Jeon, J. H. Jeon, and C. G. Park
- Terminal Acceleration Stabilizing Guidance Law for Impact Angle Constrained Interception of a Non-maneuvering Target
  H.-B. Moon, Y.-K. Jung, and W.-S. Ra
- Resilient Control in the Presence of DoS Attack: Switched System Approach
  Y. Yuan, F. Sun, and Q. Zhu

### Robotics and Automation

- Automatic Calibration of Camera and LRF based on Morphological Pattern and Optimal Angular Back-projection Error
  V.-D. Hoang and X.-H. je