REGULAR PAPERS
Control Theory
On Exponential Stability of Neutral Delay Markovian Jump Systems with Nonlinear Perturbations and Partially Unknown Transition Rates X. Liu and H. Xi  11
Delay-Dependent Robust Observer-based Control for Discretetime Uncertain Singular Systems with Interval Time-Varying State Delay M. Khanu, J. Todes, M. Chabane, and A. Tanu  12
Periodic Intermittent Consensus of Second-Order Agents Networks with Nonlinear Dynamics X. Xiao and X. Liu  23
Fault-Tolerant Shortest Connection Topology Design for Formation Control H. Yang, B. Jiang, and Y. Zhang  29
Stability Map of Multiple Time Delayed Fractional Order Systems M. A. Palacz and M. A. Nekoui  37
Stochastic Bounded Consensus Tracking of Second-Order Multi-Agent Systems with Measurement Noises based on Sampled-Data with Small Sampling Delay Z. Wu, L. Peng, L. Xie, and J. Wen  44
Sliding Mode Control for Uncertain Switched Systems Subject to Actuator Nonlinearity Y. Liu, Y. Niu, and Y. Zuo  57
Canonical Projector Techniques for Analyzing Descriptor Systems Z. Zhang and N. Wang  71
Control Applications
Natural Killer or T-Lymphocytic Cells: Which is the Best Immune Therapeutic Agent for Cancer? An Optimal Control Approach S. Nazari and H. Basirzadeh  84
Self-Tuning Speed Control of Ultrasonic Motor Combined with Efficiency Optimization J. Shi, F. Liu, and B. Liu  93
Experimental Analysis and Implementation of a Multiscale Wireless/Wired Networked Control System J. Dong and W. Kim  102

Robotics and Automation
Nonlinear Control of a Soft Finger H. J. Choi, K. C. Koh, and B. J. Yi  111
Image-based Control for Cable-based Robots B. Basirzadeh and A. Zastani  118
Adaptive Dynamic Locomotion of Quadrupedal Robots with Semi-circular Feet on Uneven Terrain O. Kwon and S. Park  147
Global Localization for Mobile Robots using Reference Scan Matching S. Park and S.K. Park  156
Adaptive Tracking with External Force Disturbance Rejection for Uncertain Robotic Systems H. R. Koofigar  169

Intelligent and Information Systems
Hybrid Recurrent Wavelet Neural Network Control of PMSM Servo-Drive System for Electric Scooter C.-H. Lin  177
Illumination Invariant Object Tracking with Adaptive Sparse Representation V. Q. Minh and G. Lee  195
Multivariable Autopilot Design for Sounding Rockets using Intelligent Eigenspace Assignment Technique S. Mohammadian, M. H. Alizadeh, and M. Jafari  208

INDEXED IN Science Citation Index Expanded (SciSearch), SCOPUS, INSPEC, Google Scholar, ProQuest, Current Contents/Engineering, Computing and Technology, EI-Compendex, Journal Citation Reports/Science Edition, OCLC, Summon by Serial Solutions, Korea Citation Index.