

IEEE TRANSACTIONS ON AUTOMATIC CONTROL

A PUBLICATION OF THE IEEE CONTROL SYSTEMS SOCIETY



JULY 2014

VOLUME 59

NUMBER 7

IETAA9

(ISSN 0018-9286)

List of Reviewers for 2013	1681
----------------------------------	------

Scanning The Issue	1690
--------------------------	------

PAPERS

Convex Design Control for Practical Nonlinear Systems	
..... <i>S. Baldi, I. Michailidis, E. B. Kosmatopoulos, A. Papachristodoulou, and P. A. Ioannou</i>	1692
Stochastic MPC Framework for Controlling the Average Constraint Violation	
..... <i>M. Korda, R. Gondhalekar, F. Oldewurtel, and C. N. Jones</i>	1706
Approximate Projected Consensus for Convex Intersection Computation: Convergence Analysis and Critical Error Angle	
..... <i>Y. Lou, G. Shi, K. H. Johansson, and Y. Hong</i>	1722
Internal Model Principles for Observers	
..... <i>J. Trumpf, H. L. Trentelman, and J. C. Willems</i>	1737
Distributed Control of Networked Dynamical Systems: Static Feedback, Integral Action and Consensus	
..... <i>M. Andreasson, D. V. Dimarogonas, H. Sandberg, and K. H. Johansson</i>	1750
Distributed Formation Control of Multi-Agent Systems Using Complex Laplacian	
..... <i>Z. Lin, L. Wang, Z. Han, and M. Fu</i>	1765
A New Parametrization of Linear Observers	
..... <i>I. Blumthaler and J. Trumpf</i>	1778
Algorithms for Leader Selection in Stochastically Forced Consensus Networks	
..... <i>F. Lin, M. Fardad, and M. R. Jovanović</i>	1789
Quadratically Parameterized Root Locus Analysis	
..... <i>B. J. Wellman and J. B. Hoagg</i>	1803
Gradient-Based Adaptive Stochastic Search for Non-Differentiable Optimization	
..... <i>E. Zhou and J. Hu</i>	1818
Unified Framework of Mean-Field Formulations for Optimal Multi-Period Mean-Variance Portfolio Selection	
..... <i>X. Cui, X. Li, and D. Li</i>	1833
Decoherence-Free Linear Quantum Subsystems	
..... <i>N. Yamamoto</i>	1845
On the Minimality and Uniqueness of the Bott-Duffin Realization Procedure	
..... <i>T. H. Hughes and M. C. Smith</i>	1858
A Minmax Extremum-Seeking Controller Design Technique	
..... <i>M. Guay and D. Dochain</i>	1874

(Contents Continued on Back Cover)



TECHNICAL NOTES AND CORRESPONDENCE

Adaptive Consensus of Multi-Agent Systems With Unknown Identical Control Directions Based on A Novel Nussbaum-Type Function	<i>W. Chen, X. Li, W. Ren, and C. Wen</i>	1887
A Class of Stable Square-Root Nonlinear Information Filters	<i>S. Wang, J. Feng, and C. K. Tse</i>	1893
Sparse Packetized Predictive Control for Networked Control Over Erasure Channels	<i>M. Nagahara, D. E. Quevedo, and J. Østergaard</i>	1899
Memoryless Static Output Feedback Sliding Mode Control for Nonlinear Systems With Delayed Disturbances	<i>X.-G. Yan, S. K. Spurgeon, and C. Edwards</i>	1906
Semi-Global Multi-Frequency Estimation in the Presence of Deadzone and Saturation	<i>D. Carnevale and A. Astolfi</i>	1913
On-Line Fault Diagnosis With Partially Observed Petri Nets	<i>D. Lefebvre</i>	1919
Zero Crossings, Overshoot and Initial Undershoot in the Step and Impulse Responses of Linear Systems	<i>T. Damm and L. N. Muhirwa</i>	1925
Quantitative Studies on Asymptotic Growth Behaviors of Trajectories of Nonlinear Discrete Dynamical Systems	<i>L. Wang and Z. Xu</i>	1930
On the Stabilizability and Consensus of Positive Homogeneous Multi-Agent Dynamical Systems	<i>M. E. Valcher and P. Misra</i>	1936
An Online Sensor Power Schedule for Remote State Estimation With Communication Energy Constraint	<i>D. Han, P. Cheng, J. Chen, and L. Shi</i>	1942
Frequency-Interval Model Reduction of Bilinear Systems	<i>H. R. Shaker and M. Tahavori</i>	1948
An Iterative Learning Control Approach for Linear Systems With Randomly Varying Trial Lengths	<i>X. Li, J.-X. Xu, and D. Huang</i>	1954
Distributed Fusion Estimation With Missing Measurements, Random Transmission Delays and Packet Dropouts	<i>B. Chen, W.-A. Zhang, and L. Yu</i>	1961
Holding Time Maximization Preserving Output Performance for Timed Event Graphs	<i>X. David-Henriet, L. Hardouin, J. Raisch, and B. Cottenceau</i>	1968
On Delay-Independent Stability of a Class of Nonlinear Positive Time-Delay Systems ...	<i>V. S. Bokharaie and O. Mason</i>	1974
Stability Analysis for Switched Boolean Networks Under Arbitrary Switching Signals	<i>H. Li, Y. Wang, and Z. Liu</i>	1978
Improved Razumikhin-Type Theorem for Input-To-State Stability of Nonlinear Time-Delay Systems	<i>C. Ning, Y. He, M. Wu, and J. She</i>	1983
A Generalization of the Scattering Transformation for Conic Systems	<i>I. G. Polushin</i>	1989
