Green Journals

International Approved Journals

Journal Information

Journal Title	IEEE Transactions on Automatic Control
Publisher	
ISSN	1558-2523
E-ISSN	0018-9286
Database	ABDC
Domain	Physical Sciences, Social Sciences

Classification History

Year	A+	A	B	C
2026				
2025				
2024				
2023			✓	
2021/2022				
2020				
2019				
2018				

Classification: The table above shows all journal classifications recorded for each classification year in the Green Journals database. A journal may have more than one classification in the same year.

Recent Articles

Observers for Timed DESs With Observation Delays and Losses
2026-10 Vol. 71 Issue 10 Pages 6570-6581
Authors: Dimitri Lefebvre
DOI: 10.1109/tac.2026.3687823

Excess Mean Squared Error of Empirical Bayes Estimators
2026-10 Vol. 71 Issue 10 Pages 6525-6540
Authors: Yue Ju, Tianshi Chen, Bo Wahlberg et al.
DOI: 10.1109/tac.2026.3685569

Verification and Synthesis of Compatible Control Lyapunov and Multiple High-Order Control Barrier Functions
2026-10 Vol. 71 Issue 10 Pages 6744-6759
Authors: Chuanrui Jiang, Hongkai Dai, Andrew Clark
DOI: 10.1109/tac.2026.3692000

Local Verification of Current-State Opacity and Static-State Opacity in Distributed Discrete-Event Systems
2026-10 Vol. 71 Issue 10 Pages 6990-6997
Authors: Yin Tong, Kai Cai
DOI: 10.1109/tac.2026.3695799

Hyperexponential Synchronization of Directed Higher-Order Networks
2026-10 Vol. 71 Issue 10 Pages 6416-6431
Authors: Linlong Xu, Xiwei Liu
DOI: 10.1109/tac.2026.3682581

A Routh Zero-Location Testing Method for Integer Polynomials With Any Singularity Profile
2026-10 Vol. 71 Issue 10 Pages 6789-6801
Authors: Yuval Bistritz, Ruth Weinberg
DOI: 10.1109/tac.2026.3691034

Offline Learning of Decision Functions in Multiplayer Games With Expectation Constraints
2026-10 Vol. 71 Issue 10 Pages 6955-6961
Authors: Yuanhanqing Huang, Jianghai Hu
DOI: 10.1109/tac.2026.3708406

Risk-Sensitive Control With Multiarmed Bandit Adaptive Sampling
2026-10 Vol. 71 Issue 10 Pages 7006-7013
Authors: Brian W. Rybicki, Jill K. Nelson
DOI: 10.1109/tac.2026.3693154

Equivalence of Left- and Right-Invariant Extended Kalman Filters on Matrix Lie Groups
2026-10 Vol. 71 Issue 10 Pages 6895-6902
Authors: Finn G. Maurer, Henrik M. Schmidt-Didlaukies, Erlend A. Basso et al.
DOI: 10.1109/tac.2026.3690028

A Geometric Method to Target Defense Problems With a Delayed Attacker
2026-10 Vol. 71 Issue 10 Pages 6916-6923
Authors: Shuai Li, Chen Wang, Guangming Xie
DOI: 10.1109/tac.2026.3692343