

Artem N Nekhoroshikh

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Synchronization of multi-machine power systems under disturbances and measurement errors. International Journal of Adaptive Control and Signal Processing, 2022, 36, 1272-1284.	4.1	7
2	Practical fixed-time ISS of neutral time-delay systems with application to stabilization by using delays. Automatica, 2022, 143, 110455.	5.0	6
3	On output-based accelerated stabilization of a chain of integrators: Implicit Lyapunov-Krasovskii functional approach. IFAC-PapersOnLine, 2020, 53, 5982-5987.	0.9	5
4	Hyperexponential and Fixed-Time Stability of Time-Delay Systems: Lyapunov-Razumikhin Method. IEEE Transactions on Automatic Control, 2023, 68, 1862-1869.	5.7	5
5	On finite-time stabilization of a class of nonlinear time-delay systems: Implicit Lyapunov-Razumikhin approach. , 2020, , .		4
6	Divergence Conditions for Stability Study of Autonomous Nonlinear Systems. IFAC-PapersOnLine, 2020, 53, 6317-6320.	0.9	4
7	Output Control of Linear Time-invariant Systems Under Input and Output Disturbances. IFAC-PapersOnLine, 2020, 53, 4534-4539.	0.9	3
8	Finite-time stabilization under state constraints. , 2021, , .		3
9	Robust stabilization of linear plants under uncertainties and high-frequency measurement noises. , 2017, , .		1
10	Robust Stabilization of Linear Plants in the Presence of Disturbances and High-Frequency Measurement Noise. Automation and Remote Control, 2021, 82, 1248-1261.	0.8	1
11	Investigation of electric generator robust algorithm under measurement noises. Cybernetics and Physics, 2018, , 204-209.	0.3	1
12	Robust Algorithm Using Delay for Multi-Agent Systems**The proof of control algorithms was proposed in Appendix A is supported solely by the grant from the Russian Science Foundation (project) Tj ETQq0 0 0 rgBT /Overlock 10 supported solely by the Russian Federation President Grant (No. 14.W01.16.6325-MD (MD-6325.2016.8)). The other researches were partially supported by grants of RFBR (16-08-00282, 16-08-00686, 14-08-01015), proposed in Section 4 is supported solely by the grant from the Russian Science Foundation (project) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.9	0
13	Section 3 and investigation algorithm under delay and constraints in Section 5 were supported solely by the Russian Federation President Grant (No. 14.W01.16.6325-MD (MD-6325.2016.8)). The other researches were partially. IFAC-PapersOnLine, 2016, 49, 306-311.	0.9	0
14	Algorithms for Prediction of Smooth Bounded Signals. , 2019, , .		0
15	Modified Backstepping Algorithm for Plants under Mismatched Disturbances and Varying Time-Delay. , 2019, , .		0
16	Modified Backstepping Algorithm and its Application to Control of Distillation Column. Mekhatronika, Avtomatizatsiya, Upravlenie, 2019, 20, 90-96.	0.4	0
17	Control of distillation column under perturbations: a case study. Cybernetics and Physics, 2020, , 182-186.	0.3	0
18	Synchronization of the Electric Power Network in the Conditions of High-Frequency Measurement Noises. Mekhatronika, Avtomatizatsiya, Upravlenie, 2020, 21, 584-594.	0.4	0