

Tutorial on Lyapunov-based methods for time-delay sy

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Quaternion-based H^{∞} kinematic attitude control subjected to input time-varying delays. , 2015, , .		1
2	Stability of a class of delayed port-Hamiltonian systems with application to droop-controlled microgrids. , 2015, , .		7
3	Improved delay-range-dependent stability criterion for Markovian jump systems with interval time-varying delay. , 2015, , .		1
4	New result on delay-range-dependent stability analysis for linear system with interval time-varying delay. , 2015, , .		0
5	Further results on mixed-delay-dependent robust stability for uncertain linear neutral systems. , 2015, , .		0
6	Quaternion-based $\hat{\alpha}$ attitude tracking control of rigid bodies with time-varying delay in attitude measurements. , 2016, , .		1
7	Simple LMIs for stabilization by using delays. , 2016, , .		2
8	Unknown input estimation via observers for nonlinear systems with measurement delays. , 2016, , .		4
9	Scanning the space of parameters for stability regions of neutral type delay systems: A Lyapunov matrix approach. , 2016, , .		6
10	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 ETQq1 1 0.784314 rgBT /Over 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), Ministry o. IFAC-PapersOnLine, 2016, 49, 25-30.	0.5	0
11	Controlled synchronization in two hybrid FitzHugh-Nagumo systems. IFAC-PapersOnLine, 2016, 49, 137-141.	0.5	8
12	Delay-induced stability of vector second-order systems via simple Lyapunov functionals. Automatica, 2016, 74, 288-296.	3.0	72
13	Stability of a class of delayed port-Hamiltonian systems with application to microgrids with distributed rotational and electronic generation. Automatica, 2016, 74, 71-79.	3.0	46
14	Linear interval observers under delayed measurements and delay-dependent positivity. Automatica, 2016, 72, 123-130.	3.0	23
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16	Robustness of delayed multistable systems with application to droop-controlled inverter-based microgrids. International Journal of Control, 2016, 89, 909-918.	1.2	26
17	PD-like controller for delayed bilateral teleoperation of wheeled robots. International Journal of Control, 2016, 89, 1622-1631.	1.2	20
18	Observer Design for Singularly Perturbed Systems With Multirate Sampled and Delayed Measurements. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2016, 138, .	0.9	11

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20	Distributed Optimization Based on a Multiagent System in the Presence of Communication Delays. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 717-728.	5.9	211
21	Stable Delayed Bilateral Teleoperation of Mobile Manipulators. Asian Journal of Control, 2017, 19, 1140-1152.	1.9	16
22	Analysis of stability and stabilization of cascade systems with time delay in terms of linear matrix inequalities. Journal of Computer and Systems Sciences International, 2017, 56, 19-32.	0.2	8
23	Observer Design for a Time Delay System via the Razumikhin Approach. Asian Journal of Control, 2017, 19, 2226-2231.	1.9	12
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25	Robustness of distributed averaging control in power systems: Time delays & dynamic communication topology. Automatica, 2017, 80, 261-271.	3.0	74
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29	Distributed optimisation problem with communication delay and external disturbance. International Journal of Systems Science, 2017, 48, 3530-3541.	3.7	7
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34	Windowed electroencephalographic signal classifier based on continuous neural networks with delays in the input. Expert Systems With Applications, 2017, 68, 1-10.	4.4	2
35	Distributed optimisation of second-order multi-agent systems by control algorithm using position-only interaction with time-varying delay. IET Control Theory and Applications, 2017, 11, 2549-2558.	1.2	16
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42	Robust Controller Design for Attitude Dynamics Subjected to Time-Delayed State Measurements. IEEE Transactions on Automatic Control, 2018, 63, 2191-2198.	3.6	4
43	Event-Driven Control With Deadline Optimization for Linear Systems With Stochastic Delays. IEEE Transactions on Control of Network Systems, 2018, 5, 1819-1829.	2.4	4
44	Adaptive control of a 7-DOF exoskeleton robot with uncertainties on kinematics and dynamics. European Journal of Control, 2018, 42, 77-87.	1.6	24
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90	Static output feedback control of positive linear systems with output time delays. <i>International Journal of Systems Science</i> , 2019, 50, 2815-2823.	3.7	6

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