

Natalya Sedova

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	On employment of semidefinite functions in stability of delayed equations. <i>Journal of Mathematical Analysis and Applications</i> , 2003, 281, 307-319.	0.5	11
2	Analysis of stability and stabilization of cascade systems with time delay in terms of linear matrix inequalities. <i>Journal of Computer and Systems Sciences International</i> , 2017, 56, 19-32.	0.2	8
3	The Method of Lyapunov-Razumikhin Functions in Stability Analysis of Systems with Delay. <i>Automation and Remote Control</i> , 2019, 80, 1185-1229.	0.4	7
4	Local and semiglobal stabilization in a cascade with delay. <i>Automation and Remote Control</i> , 2008, 69, 968-979.	0.4	6
5	On the principle of reduction for the nonlinear delay systems. <i>Automation and Remote Control</i> , 2011, 72, 1864-1875.	0.4	6
6	A Remark on the Lyapunov-Razumikhin Method for Equations with Infinite Delay. <i>Differential Equations</i> , 2002, 38, 1423-1434.	0.1	4
7	Control functionals in stabilization problem systems with time delay. <i>Automation and Remote Control</i> , 2010, 71, 902-910.	0.4	4
8	Degenerate Functions in the Analysis of Asymptotic Stability of Solutions of Functional Differential Equations. <i>Mathematical Notes</i> , 2005, 78, 427-431.	0.1	3
9	Stability in systems with unbounded aftereffect. <i>Automation and Remote Control</i> , 2009, 70, 1553-1564.	0.4	3
10	Method of limiting equations for the stability analysis of equations with infinite delay in the Carathéodory conditions: I. <i>Differential Equations</i> , 2014, 50, 569-580.	0.1	3
11	Razumikhin-Type Theorems in the Problem on Instability of Nonautonomous Equations with Finite Delay. <i>Funkcialaj Ekvacioj</i> , 2004, 47, 187-204.	0.2	2
12	Development of the direct Lyapunov method for functional-differential equations with infinite delay. <i>Mathematical Notes</i> , 2008, 84, 826-841.	0.1	2
13	The design of digital stabilizing regulators for continuous systems based on the Lyapunov function approach. <i>Automation and Remote Control</i> , 2012, 73, 1734-1743.	0.4	2
14	Method of limiting equations for the stability analysis of equations with infinite delay in the Carathéodory conditions: II. <i>Differential Equations</i> , 2014, 50, 711-721.	0.1	2
15	Lyapunov-Razumikhin pairs in the instability problem for infinite delay equations. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2010, 73, 2324-2333.	0.6	1
16	The design of digital stabilizing regulators for continuous systems based on the Lyapunov function approach. <i>Automation and Remote Control</i> , 2012, 73, 1572-1580.	0.4	1
17	On the problem of tracking for the nonholonomic systems with provision for the feedback delay. <i>Automation and Remote Control</i> , 2013, 74, 1348-1355.	0.4	1
18	LMI and SDP technique for stability analysis of nonlinear delay systems subject to constraints. <i>Optimization Letters</i> , 2019, 13, 1937-1952.	0.9	1

#	ARTICLE	IF	CITATIONS
19	Razumikhin conditions in partial stability problem for delay systems. , 2016, , .		0
20	On the use of a general quadratic Lyapunov function for studying the stability of Takagiâ€“Sugeno systems. Russian Mathematics, 2017, 61, 66-72.	0.1	0
21	Optimization Problems in Tracking Control Design for an Underactuated Ship with Feedback Delay, State and Control Constraints. Lecture Notes in Computer Science, 2020, , 71-85.	1.0	0