

Aleksandr S Andreev

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

228
citations

1307594

7
h-index

1125743

13
g-index

47
all docs

47
docs citations

47
times ranked

77
citing authors

#	ARTICLE	IF	CITATIONS
1	The Lyapunov functionals method in stability problems for functional differential equations. Automation and Remote Control, 2009, 70, 1438-1486.	0.8	25
2	Trajectory tracking control for robot manipulators using only position measurements. International Journal of Control, 2019, 92, 1490-1496.	1.9	23
3	On global trajectory tracking control of robot manipulators in cylindrical phase space. International Journal of Control, 2020, 93, 3003-3015.	1.9	19
4	Stabilization of the preset motions of a holonomic mechanical system without velocity measurement. Prikladnaya Matematika I Mekhanika, 2017, 81, 95-105.	0.4	18
5	Nonlinear Regulators in the Position Stabilization Problem of the Holonomic Mechanical System. Mechanics of Solids, 2018, 53, 22-38.	0.7	15
6	Non-linear PI regulators in control problems for holonomic mechanical systems. Systems Science and Control Engineering, 2018, 6, 12-19.	3.1	13
7	The comparison method in asymptotic stability problems. Prikladnaya Matematika I Mekhanika, 2006, 70, 865-875.	0.4	10
8	Motion control of multilink manipulators without velocity measurement. , 2016, , .		10
9	An investigation of partial asymptotic stability. Prikladnaya Matematika I Mekhanika, 1991, 55, 429-435.	0.4	7
10	The motion control of a wheeled mobile robot. Prikladnaya Matematika I Mekhanika, 2015, 79, 316-324.	0.4	7
11	Lyapunov vector function method in the motion stabilisation problem for nonholonomic mobile robot. International Journal of Systems Science, 2017, 48, 2003-2012.	5.5	7
12	On the Trajectory Tracking Control of a Wheeled Mobile Robot Based on a Dynamic Model with Slip. , 2020, , .		7
13	The stability of the equilibrium position of a non-autonomous mechanical system. Prikladnaya Matematika I Mekhanika, 1996, 60, 381-389.	0.4	6
14	Nonlinear Controllers in the Regulation Problem of the Robots \hat{z} \hat{z} This work was financially supported by Russian Foundation for Basic Research [grant number 18-01-00702] and Ministry of Education and Science of Russia within the framework of the State task under Grant [9.5994.2017/BP].. IFAC-PapersOnLine, 2018, 51, 7-12.	0.9	6
15	On Output Feedback Trajectory Tracking Control of an Omni-Mobile Robot. IFAC-PapersOnLine, 2019, 52, 37-42.	0.9	6
16	Volterra Equations in the Control Problem of Mechanical Systems. , 2019, , .		6
17	On the Stability and Stabilization Problems of Volterra Integro-Differential Equations. Nelineinaya Dinamika, 2018, 14, 387-407.	0.3	5
18	The stability of generalized steady motion. Prikladnaya Matematika I Mekhanika, 2002, 66, 331-340.	0.4	4

#	ARTICLE	IF	CITATIONS
19	On the method of comparison in asymptotic-stability problems. Doklady Physics, 2005, 50, 91-94.	0.7	4
20	On stabilization of program motions of holonomic mechanical system. Automation and Remote Control, 2016, 77, 416-427.	0.8	4
21	On Global Trajectory Tracking Control of Robot Manipulators with Flexible Joints. IFAC-PapersOnLine, 2018, 51, 28-33.	0.9	4
22	On the asymptotic stability and instability of the zero solution of a non-autonomous system with respect to part of the variables. Prikladnaya Matematika I Mekhanika, 1984, 48, 509-514.	0.4	3
23	Investigation of partial asymptotic stability and instability based on the limiting equations. Prikladnaya Matematika I Mekhanika, 1987, 51, 196-201.	0.4	3
24	On Time-Delayed Feedback Trajectory Tracking Control of a Mobile Robot with Omni-Wheels. , 2019, , .		3
25	Semi-Definite Lyapunov Functionals in the Stability Problem of Volterra Integral-Differential Equations. IFAC-PapersOnLine, 2019, 52, 103-108.	0.9	2
26	Uniaxial stabilization of symmetric satellite gyrostat at libration points. Soviet Applied Mechanics, 1979, 15, 48-52.	0.0	1
27	The stability of the unsteady motion of a mechanical system. Prikladnaya Matematika I Mekhanika, 2004, 68, 607-615.	0.4	1
28	On motion stabilization of nonstationary controlled system. Automation and Remote Control, 2007, 68, 1309-1321.	0.8	1
29	On motion stabilization of a mechanical system with cyclic coordinates. , 2018, , .		1
30	On Output Feedback Stabilization and Tracking Control of Elastic-Joint Robotic Manipulators. , 2019, , .		1
31	On Global Output Feedback Trajectory Tracking Control of a Wheeled Mobile Robot. , 2019, , .		1
32	On the Problem of Trajectory Tracking for Robotic Manipulators with Prismatic and Revolute Joints. , 2020, , .		1
33	On the Steady State Motions Control Problem for Mechanical Systems with Relay Controllers. System Theory, Control and Computing Journal, 2021, 1, 48-55.	0.5	1
34	Relay Controllers in the Motion Stabilization Problems of Mechanical Systems with Cyclic Coordinates. , 2020, , .		1
35	Asymptotic stability and instability of nonautonomous systems. Prikladnaya Matematika I Mekhanika, 1979, 43, 855-865.	0.4	0
36	Stabilization of motion of nonstationary controlled system. Doklady Physics, 2007, 52, 568-570.	0.7	0

#	ARTICLE	IF	CITATIONS
37	Stabilization of the motions of mechanical systems with variable masses. Prikladnaya Matematika I Mekhanika, 2009, 73, 1-7.	0.4	0
38	On the Position and Stationary Motion Stabilization Problems of a Two-Link Robot Manipulator. , 2019, , .		0
39	On Output Feedback Control Problems of an Industrial Robot Manipulator. , 2019, , .		0
40	On the Lyapunov functionals method in the stability problem of Volterra integro-differential equations. Zhurnal Srednevolzhskogo Matematicheskogo Obshchestva, 2018, 20, 260-272.	0.2	0
41	Robust trajectory tracking control of omni-mobile robot with slipping of the wheels. Zhurnal Srednevolzhskogo Matematicheskogo Obshchestva, 2019, 21, 13-23.	0.2	0
42	On a Delayed Feedback Control for Multi-Link Robotic Manipulators. , 2021, , .		0
43	On the Control Models in the Trajectory Tracking Problem of a Holonomic Mechanical System. Lecture Notes in Electrical Engineering, 2021, , 686-695.	0.4	0
44	Output Feedback Control Structure of a Robot Manipulator in a Hot Cell. , 2020, , .		0
45	On the Output Position Feedback Controller of a Serial Robot Manipulator. , 2020, , .		0
46	Nonlinear Control of Lagrangian Mechanical System. , 2021, , .		0