

Vagif Abdullayev

List of Publications by Year in descending order

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papers

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1040056

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27
all docs

27
docs citations

27
times ranked

22
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical method of solution to loaded nonlocal boundary value problems for ordinary differential equations. Computational Mathematics and Mathematical Physics, 2014, 54, 1096-1109.	0.8	44
2	Finite-difference methods for solving loaded parabolic equations. Computational Mathematics and Mathematical Physics, 2016, 56, 93-105.	0.8	26
3	On an approach to designing control of the distributed-parameter processes. Automation and Remote Control, 2012, 73, 1443-1455.	0.8	23
4	On the solution of boundary value problems with nonseparated multipoint and integral conditions. Differential Equations, 2013, 49, 1114-1125.	0.7	19
5	Optimizing placement of the control points at synthesis of the heating process control. Automation and Remote Control, 2017, 78, 1585-1599.	0.8	18
6	On the numerical solution of loaded systems of ordinary differential equations with nonseparated multipoint and integral conditions. Numerical Analysis and Applications, 2014, 7, 1-14.	0.4	15
7	Optimization of loading places and load response functions for stationary systems. Computational Mathematics and Mathematical Physics, 2017, 57, 634-644.	0.8	15
8	Solution to a class of inverse problems for a system of loaded ordinary differential equations with integral conditions. Journal of Inverse and Ill-Posed Problems, 2016, 24, 543-558.	1.0	13
9	Approach to the Numerical Solution of Optimal Control Problems for Loaded Differential Equations with Nonlocal Conditions. Computational Mathematics and Mathematical Physics, 2019, 59, 696-707.	0.8	12
10	Numerical Solution of the Problem of Determining the Number and Locations of State Observation Points in Feedback Control of a Heating Process. Computational Mathematics and Mathematical Physics, 2018, 58, 78-89.	0.8	9
11	Numerical solution of optimal control problems for loaded lumped parameter systems. Computational Mathematics and Mathematical Physics, 2006, 46, 1487-1502.	0.8	8
12	Identification of the Functions of Response to Loading for Stationary Systems. Cybernetics and Systems Analysis, 2017, 53, 417-425.	0.7	6
13	Numerical Method for Solving the Parametric Identification Problem for Loaded Differential Equations. Bulletin of the Iranian Mathematical Society, 2019, 45, 1725-1742.	1.0	3
14	Optimization of Source Parameters in Multipoint Nonseparated Conditions for Linear Dynamical Systems. Computational Mathematics and Mathematical Physics, 2021, 61, 512-526.	0.8	2
15	Control Synthesis for Temperature Maintaining Process in a Heat Supply Problem. Cybernetics and Systems Analysis, 2020, 56, 380-391.	0.7	1
16	Optimization of the Right-hand Sides of Multi-point and Integral Conditions of the Controlled Dynamic System. Bulletin of the Iranian Mathematical Society, 2022, 48, 2033-2056.	1.0	1
17	Optimization of the Values of the Right-Hand Sides of Boundary Conditions with Point and Integral Terms for the ODE System. Lecture Notes in Computer Science, 2020, , 1-16.	1.3	1
18	Control Problem with Non-Separated Multipoint and Integral Conditions. Journal of Automation and Information Sciences, 2013, 45, 34-52.	0.7	1

#	ARTICLE	IF	CITATIONS
19	Numerical Approach to Parametric Identification of Dynamical Systems. Journal of Automation and Information Sciences, 2014, 46, 30-46.	0.7	1
20	Controlling the Heating of a Rod Using the Current and Preceding Time Feedback. Automation and Remote Control, 2022, 83, 106-122.	0.8	1
21	On a class of inverse problems for loaded equations with nonlocal conditions. , 2012, , .		0
22	Optimization of the placements of observation points in one problem of control of heating process. IFAC-PapersOnLine, 2018, 51, 245-250.	0.9	0
23	Optimization of Right-Hand Sides of Nonlocal Boundary Conditions in a Controlled Dynamical System. Automation and Remote Control, 2021, 82, 375-397.	0.8	0
24	On Regulation Problem for Heating Process. Journal of Automation and Information Sciences, 2011, 43, 32-44.	0.7	0
25	To the solution of integro-differential equations with nonlocal conditions. Turkish Journal of Mathematics, 0, , .	0.7	0
26	Optimization of the right-hand sides of nonlocal conditions of a controllable system with multipoint and integral objective functional. Optimization, 2024, 73, 205-228.	1.7	0