# Kamil R Aida-Zade

List of Publications by Year
in descending order



| 75 | 387 | 932766 10 | 940134 16 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 75 | 75 | 75 | 106 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | 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. | 0.4 | 1 |
| 2 | Optimization of Right-Hand Sides of Nonlocal Boundary Conditions in a Controlled Dynamical System. Automation and Remote Control, 2021, 82, 375-397. | 0.4 | 0 |
| 3 | Optimization of Source Parameters in Multipoint Nonseparated Conditions for Linear Dynamical Systems. Computational Mathematics and Mathematical Physics, 2021, 61, 512-526. | 0.2 | 2 |
| 4 | Feedback Control of the Power of Moving Sources in Bar Heating. Cybernetics and Systems Analysis, 2021, 57, 592-604. | 0.4 | 0 |
| 5 | Numerical Solution of Linear Differential Equations with Nonlocal Nonlinear Conditions. Computational Mathematics and Mathematical Physics, 2020, 60, 808-816. | 0.2 | 3 |
| 6 | Control Synthesis for Temperature Maintaining Process in a Heat Supply Problem. Cybernetics and Systems Analysis, 2020, 56, 380-391. | 0.4 | 1 |
| 7 | Feedback Control of the Plate Heating Process with Optimization of the Locations of Sources and Control. Automation and Remote Control, 2020, 81, 670-685. | 0.4 | 1 |
| 8 | 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. | 1.0 | 1 |
| 9 | Numerical solution to an inverse problem on a determination of places and capacities of sources in the hyperbolic systems. Journal of Industrial and Management Optimization, 2020, 16, 3011-3033. | 0.8 | 2 |
| 10 | Investigation of the Problem of Optimal Control by a System ODE of Block Structure with Blocks Connected only by Boundary Conditions. Communications in Computer and Information Science, 2020, , 371-382. | 0.4 | 0 |
| 11 | Nonlinearly Loaded Boundary Value Problems for Linear Ordinary Differential Equations. Differential Equations, 2019, 55, 739-744. | 0.1 | 0 |
| 12 | Optimizing the Arrangement of Lumped Sources and Measurement Points of Plate Heating. Cybernetics and Systems Analysis, 2019, 55, 605-615. | 0.4 | 1 |
| 13 | 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. | 0.2 | 12 |
| 14 | Numerical Method for Solving the Parametric Identification Problem for Loaded Differential Equations. Bulletin of the Iranian Mathematical Society, 2019, 45, 1725-1742. | 0.4 | 3 |
| 15 | Adaptive Neuro-Fuzzy System based Color Closeness Evaluation. , 2019, , . | | 1 |
| 16 | Synthesis of the Control of the Temperature Maintaining Process in a Heat Supply Problem. DEStech Transactions on Computer Science and Engineering, 2019, , . | 0.1 | 0 |
| 17 | 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. | 0.2 | 9 |
| 18 | Numerical solution of inverse problem on determination of leakage for unsteady flow in a pipeline network. IFAC-PapersOnLine, 2018, 51, 21-26. | 0.5 | 0 |

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|---|---|---|---|
| 19 | Numerical Solution to Inverse Source Problems for Linear Parabolic Equation. IFAC-PapersOnLine, 2018, 51, 231-236. | 0.5 | 2 |
| 20 | Optimization of the placements of observation points in one problem of control of heating process. IFAC-PapersOnLine, 2018, 51, 245-250. | 0.5 | 0 |
| 21 | Optimization of Measurement Points Positioning in a Border Control Synthesis Problem for the Process of Heating a Rod. Automation and Remote Control, 2018, 79, 1643-1660. | 0.4 | 5 |
| 22 | Identification of piecewise constant filtration parameters and boundaries of their constancy domains. Automation and Remote Control, 2017, 78, 1404-1416. | 0.4 | 1 |
| 23 | Optimizing placement of the control points at synthesis of the heating process control. Automation and Remote Control, 2017, 78, 1585-1599. | 0.4 | 18 |
| 24 | Optimization of loading places and load response functions for stationary systems. Computational Mathematics and Mathematical Physics, 2017, 57, 634-644. | 0.2 | 15 |
| 25 | Comparison of Deep Learning in Neural Networks on CPU and GPU-based frameworks. , 2017, , . | | 7 |
| 26 | Numerical Leak Detection in a Pipeline Network of Complex Structure with Unsteady Flow. Computational Mathematics and Mathematical Physics, 2017, 57, 1919-1934. | 0.2 | 6 |
| 27 | 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. | 0.5 | 13 |
| 28 | Finite-difference methods for solving loaded parabolic equations. Computational Mathematics and Mathematical Physics, 2016, 56, 93-105. | 0.2 | 26 |
| 29 | Authorship identification of the Azerbaijani texts using n-grams. , 2016, , . | | 2 |
| 30 | Speech recognition using Support Vector Machines. , 2016, , . | | 21 |
| 31 | Hydraulic resistance coefficient identification in pipelines. Automation and Remote Control, 2016, 77, 1225-1239. | 0.4 | 7 |
| 32 | Calculation of the state of a system of discrete linear processes connected by unseparated boundary conditions. Journal of Applied and Industrial Mathematics, 2016, 10, 457-467. | 0.1 | 3 |
| 33 | Learning User Intentions in Natural Language Call Routing Systems. Studies in Fuzziness and Soft Computing, 2016, , 37-46. | 0.6 | 4 |
| 34 | Solving systems of differential equations of block structure with nonseparated boundary conditions. Journal of Applied and Industrial Mathematics, 2015, 9, 1-10. | 0.1 | 6 |
| 35 | Solution to classes of inverse coefficient problems and problems with nonlocal conditions for parabolic equations. Differential Equations, 2015, 51, 83-93. | 0.1 | 7 |
| 36 | Zonal Control Synthesis for Nonlinear Systems under Nonlinear Output Feedback. Journal of Automation and Information Sciences, 2015, 47, 51-66. | 0.7 | 4 |

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|---|---|---|---|
| 37 | Optimal control of sources on some classes of functions. Optimization, 2014, 63, 1135-1152. | 1.0 | 1 |
| 38 | 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. | 0.2 | 15 |
| 39 | Numerical method of solution to loaded nonlocal boundary value problems for ordinary differential equations. Computational Mathematics and Mathematical Physics, 2014, 54, 1096-1109. | 0.2 | 44 |
| 40 | An approach to numerical solution of some inverse problems for parabolic equations. Inverse Problems in Science and Engineering, 2014, 22, 96-111. | 1.2 | 13 |
| 41 | Numerical Approach to Parametric Identification of Dynamical Systems. Journal of Automation and Information Sciences, 2014, 46, 30-46. | 0.7 | 1 |
| 42 | On the solution of boundary value problems with nonseparated multipoint and integral conditions. Differential Equations, 2013, 49, 1114-1125. | 0.1 | 19 |
| 43 | Control Problem with Non-Separated Multipoint and Integral Conditions. Journal of Automation and Information Sciences, 2013, 45, 34-52. | 0.7 | 1 |
| 44 | Intelligent reading system based on mobile platform. , 2012, , . | | 2 |
| 45 | Numerical method of parametrical identification for nonlocal parabolic problems. , 2012, , . | | 0 |
| 46 | Some approaches to solve feedback control problems for nonlinear dynamic systems. , 2012, , . | | 0 |
| 47 | Numerical solution to an inverse problem for quasilinear parabolic equation. , 2012, , . | | 0 |
| 48 | Problem of determination of leakages in oil pipeline networks. , 2012, , . | | 0 |
| 49 | On a class of inverse problems for loaded equations with nonlocal conditions. , 2012, , . | | 0 |
| 50 | Localization of the points of leakage in an oil main pipeline under nonstationary conditions. Journal of Engineering Physics and Thermophysics, 2012, 85, 1148-1156. | 0.2 | 6 |
| 51 | Human-computer dialogue understanding hybrid system. , 2012, , . | | 10 |
| 52 | On an approach to designing control of the distributed-parameter processes. Automation and Remote Control, 2012, 73, 1443-1455. | 0.4 | 23 |
| 53 | On a Class of Smooth Membership Functions. Journal of Automation and Information Sciences, 2012, 44, 57-71. | 0.7 | 0 |
| 54 | Optimal control of a concentrated system on the class of piecewise constant functions under uncertainty in the parameters and initial conditions. Cybernetics and Systems Analysis, 2012, 48, 397-405. | 0.4 | 0 |

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|---|---|---|---|
| 55 | Analysis of the regimes of controlling transient processes in pipelines. Journal of Engineering Physics and Thermophysics, 2012, 85, 131-140. | 0.2 | 1 |
| 56 | On numerical solution of one class of inverse problems for discontinuous dynamic systems. Automation and Remote Control, 2012, 73, 786-796. | 0.4 | 6 |
| 57 | Study of transients in oil pipelines. Automation and Remote Control, 2011, 72, 2563-2577. | 0.4 | 5 |
| 58 | Numerical solution of nonlinear inverse coefficient problems for ordinary differential equations. Computational Mathematics and Mathematical Physics, 2011, 51, 803-815. | 0.2 | 9 |
| 59 | Study of one class of membership functions of fuzzy sets. Automatic Control and Computer Sciences, 2011, 45, 142-152. | 0.4 | 4 |
| 60 | On Regulation Problem for Heating Process. Journal of Automation and Information Sciences, 2011, 43, 32-44. | 0.7 | 0 |
| 61 | Optimal Control Problems of Sources in Distributed Systems on the Classes of Impulsive, Piecewise Constant and Heaviside Functions. Journal of Automation and Information Sciences, 2011, 43, 64-82. | 0.7 | 0 |
| 62 | Numerical solving of control problem for object with uncertain information on its initial state and parameters. Automatic Control and Computer Sciences, 2010, 44, 61-68. | 0.4 | 0 |
| 63 | Relay Control of Nonlinear System with Uncertain Values of Parameters. Journal of Automation and Information Sciences, 2010, 42, 54-64. | 0.7 | 0 |
| 64 | Solving control problems over impulse and Heaviside classes of control functions. Cybernetics and Systems Analysis, 2009, 45, 792-799. | 0.4 | 0 |
| 65 | Control of systems with concentrated parameters in a class of special control functions. Automatic Control and Computer Sciences, 2009, 43, 148-155. | 0.4 | 2 |
| 66 | A class of inverse problems for discontinuous systems. Cybernetics and Systems Analysis, 2008, 44, 915-924. | 0.4 | 3 |
| 67 | Solution of optimal control problem in class of piecewise-constant functions. Automatic Control and Computer Sciences, 2007, 41, 18-24. | 0.4 | 8 |
| 68 | On the problem of spacing of oil wells and control of their production rates. Automation and Remote Control, 2006, 67, 44-53. | 0.4 | 10 |
| 69 | Numerical solution of optimal control problems for loaded lumped parameter systems. Computational Mathematics and Mathematical Physics, 2006, 46, 1487-1502. | 0.2 | 8 |
| 70 | Solving Optimal Control Problems on the Class of Step Functions. Cybernetics and Systems Analysis, 2005, 41, 604-611. | 0.4 | 2 |
| 71 | Numerical method of identification of dynamic system parameters. Journal of Inverse and Ill-Posed Problems, 2005, 13, 201-211. | 0.5 | 4 |
| 72 | A Numerical Method of Restoring the Parameters of a Dynamic System. Cybernetics and Systems Analysis, 2004, 40, 392-399. | 0.4 | 2 |

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|---|---|---|---|
| 73 | Study and numerical solution of finite difference approximations of distributed-system control problems. USSR Computational Mathematics and Mathematical Physics, 1989, 29, 15-21. | 0.0 | 3 |
| 74 | Computational problems for hydraulic systems. USSR Computational Mathematics and Mathematical Physics, 1989, 29, 125-132. | 0.0 | 1 |
| 75 | A polar coordinate method for the minimization of functions with a ravined structure. USSR Computational Mathematics and Mathematical Physics, 1979, 19, 255-259. | 0.0 | 0 |