

Nataliya Mayko

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6611731/publications.pdf>

Version: 2024-02-01

19
papers

57
citations

1936888

4
h-index

1719596

7
g-index

19
all docs

19
docs citations

19
times ranked

6
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved Accuracy Estimates of the Difference Scheme for the Two-Dimensional Parabolic Equation with Regard for the Effect of Initial and Boundary Conditions. <i>Cybernetics and Systems Analysis</i> , 2017, 53, 83-91.	0.4	8
2	Boundary Effect in the Error Estimate of the Finite-Difference Scheme for Two-Dimensional Poisson's Equation. <i>Cybernetics and Systems Analysis</i> , 2016, 52, 758-769.	0.4	7
3	Error Estimates of the Finite-Difference Scheme for a One-Dimensional Parabolic Equation with Allowance for the Effect of Initial and Boundary Conditions. <i>Cybernetics and Systems Analysis</i> , 2014, 50, 788-796.	0.4	6
4	The Boundary Effect in the Accuracy Estimate for the Grid Solution of the Fractional Differential Equation. <i>Computational Methods in Applied Mathematics</i> , 2019, 19, 379-394.	0.4	6
5	A Weighted Error Estimate for a Finite-Difference Scheme of Increased Approximation Order for a Two-Dimensional Poisson Equation with Allowance for the Dirichlet Boundary Condition. <i>Cybernetics and Systems Analysis</i> , 2018, 54, 130-138.	0.4	4
6	Weighted Estimates for Boundary Value Problems with Fractional Derivatives. <i>Computational Methods in Applied Mathematics</i> , 2020, 20, 609-630.	0.4	4
7	Weighted Estimates of the Cayley Transform Method for Abstract Differential Equations. <i>Computational Methods in Applied Mathematics</i> , 2021, 21, 53-68.	0.4	4
8	Accuracy of Difference Approximation for an Eigenvalue Problem. <i>Cybernetics and Systems Analysis</i> , 2003, 39, 450-458.	0.4	3
9	Accuracy of the difference scheme of solving the eigenvalue problem for the Laplacian. <i>Cybernetics and Systems Analysis</i> , 2011, 47, 783-790.	0.4	3
10	The Finite-Difference Scheme of Higher Order of Accuracy for the Two-Dimensional Poisson Equation in a Rectangle with Regard for the Effect of the Dirichlet Boundary Condition. <i>Cybernetics and Systems Analysis</i> , 2018, 54, 624-635.	0.4	3
11	Boundary Effect in Accuracy Estimate of the Grid Method for Solving Fractional Differential Equations. <i>Cybernetics and Systems Analysis</i> , 2019, 55, 65-80.	0.4	3
12	Weighted Estimates of the Cayley Transform Method for Boundary Value Problems in a Banach Space. <i>Numerical Functional Analysis and Optimization</i> , 2021, 42, 211-233.	0.6	3
13	Accuracy of Approximation of a Solution to an Abstract Cauchy Problem. <i>Cybernetics and Systems Analysis</i> , 2005, 41, 437-444.	0.4	1
14	Approximation theorems for operator exponential and cosine functions. <i>Cybernetics and Systems Analysis</i> , 2009, 45, 800-807.	0.4	1
15	The Limiting Accuracy Characteristics for the Discrete Analog of Spectral Problem. <i>Cybernetics and Systems Analysis</i> , 2016, 52, 451-456.	0.4	1
16	Error bounds of eigenfunctions for a discrete analog of one spectral problem. <i>Cybernetics and Systems Analysis</i> , 1998, 34, 732-737.	0.4	0
17	Accuracy of the Richardson Extrapolation Method in Eigenvalue Problems. <i>Cybernetics and Systems Analysis</i> , 2000, 36, 879-890.	0.4	0
18	An estimate of the error for eigen functions in the eigenfunction problem for the operator of the linear elasticity theory. <i>Journal of Mathematical Sciences</i> , 2000, 102, 3809-3817.	0.1	0

#	ARTICLE	IF	CITATIONS
19	Super-Exponential Rate of Convergence of the Cayley Transform Method for an Abstract Differential Equation. <i>Cybernetics and Systems Analysis</i> , 2020, 56, 492-503.	0.4	0