

Oleh M Lytvyn

List of Publications by Year in descending order

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19
papers

53
citations

1936888

4
h-index

1719596

7
g-index

21
all docs

21
docs citations

21
times ranked

9
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimating the Structure of a Discontinuous Layer by Tomographic Methods. Cybernetics and Systems Analysis, 2019, 55, 413-421.	0.4	1
2	Acceptance of the Methods of Decision-making. , 2019, , .		1
3	Operators of Approximation of Functions $f(x, y)$ by their Projections on the System of Nonparallel Lines for Computed Tomography. International Journal of Machine Learning and Computing, 2019, 9, 154-159.	0.8	0
4	New Information Operators in Mathematical Modeling (A Review). Cybernetics and Systems Analysis, 2018, 54, 21-30.	0.4	8
5	Solving the Biharmonic Plate Bending Problem by the Ritz Method Using Explicit Formulas for Splines of Degree 5. Cybernetics and Systems Analysis, 2018, 54, 944-947.	0.4	0
6	Algorithm for the Reconstruction of the Discontinuous Structure of a Body by Its Projections along Mutually Perpendicular Lines. , 2018, , .		3
7	Generalized Interstripation of Functions of Two Variables. Cybernetics and Systems Analysis, 2018, 54, 465-475.	0.4	0
8	Metamodel for Mathematical Modelling Surfaces of Celestial Bodies on the Base of Radiolocation Data. Indian Journal of Science and Technology, 2015, 8, .	0.5	4
9	Implementation of the Finite Element Method with Optimal Choice of Basic Functions for Dirichlet Problem for Poisson Equation. Journal of Automation and Information Sciences, 2015, 47, 42-62.	0.7	0
10	Explicit Formulas for Interpolating Splines of Degree 5 on the Triangle. Cybernetics and Systems Analysis, 2014, 50, 670-678.	0.4	3
11	Estimation of Discontinuous Functions of Two Variables with Unknown Discontinuity Lines (Rectangular Elements). Cybernetics and Systems Analysis, 2014, 50, 594-602.	0.4	7
12	Approximate Calculation of Triple Integrals of Rapidly Oscillating Functions with the Use of Lagrange Polynomial Interflation. Cybernetics and Systems Analysis, 2014, 50, 410-418.	0.4	8
13	A New Method for Solving the Cauchy Problem for Systems of Ordinary Differential Equations. Journal of Automation and Information Sciences, 2014, 46, 1-11.	0.7	0
14	The method of interlineation of vector functions $\vec{w}(x, y, z, t)$ on a system of vertical straight lines and its application in crosshole seismic tomography. Cybernetics and Systems Analysis, 2013, 49, 379-389.	0.4	2
15	Aerospace Pictures Processing by Means of Interstripation of Functions of Two Variables. Journal of Automation and Information Sciences, 2013, 45, 53-67.	0.7	4
16	Some Aspects of Modeling for Management in the Process of Forming a Students' Number in Higher Educational Institutions as the Actual Economic Educational Problem. Journal of Automation and Information Sciences, 2013, 45, 30-40.	0.7	0
17	3D Fourier Coefficients on the Class of Differentiable Functions and Spline Interflation. Journal of Automation and Information Sciences, 2012, 44, 45-56.	0.7	7
18	Approximation of Discontinuous Function of Two Variables by Approximating Discontinuous Bilinear Spline Using the Least Squares Method (Rectangular Elements). Journal of Automation and Information Sciences, 2012, 44, 48-56.	0.7	4

#	ARTICLE	IF	CITATIONS
19	A general method to derive implicit equations of curves and surfaces using interlineation and interflation of functions. <i>Cybernetics and Systems Analysis</i> , 2011, 47, 55-61.	0.4	1