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	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
2	New Information Operators in Mathematical Modeling (A Review). Cybernetics and Systems Analysis, 2018, 54, 21-30.	0.4	8
3	Estimation of Discontinuous Functions of Two Variables with Unknown Discontinuity Lines (Rectangular Elements). Cybernetics and Systems Analysis, 2014, 50, 594-602.	0.4	7
4	3D Fourier Coefficients on the Class of Differentiable Functions and Spline Interflatation. Journal of Automation and Information Sciences, 2012, 44, 45-56.	0.7	7
5	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
6	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
7	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
8	Explicit Formulas for Interpolating Splines of Degree 5 on the Triangle. Cybernetics and Systems Analysis, 2014, 50, 670-678.	0.4	3
9	Algorithm for the Reconstruction of the Discontinuous Structure of a Body by Its Projections along Mutually Perpendicular Lines. , 2018, , .		3
10	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
11	A general method to derive implicit equations of curves and surfaces using interlineation and interflation of functions. Cybernetics and Systems Analysis, 2011, 47, 55-61.	0.4	1
12	Estimating the Structure of a Discontinuous Layer by Tomographic Methods. Cybernetics and Systems Analysis, 2019, 55, 413-421.	0.4	1
13	Acceptance of the Methods of Decision-making. , 2019, , .		1
14	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
15	Generalized Interstripation of Functions of Two Variables. Cybernetics and Systems Analysis, 2018, 54, 465-475.	0.4	0
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	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
18	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

#	Article	IF	Citations
19	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