

Dmitry Dv Tarlakovskii

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

253
citations

1040056

9
h-index

1125743

13
g-index

60
all docs

60
docs citations

60
times ranked

59
citing authors

#	ARTICLE	IF	CITATIONS
1	Unsteady elastic diffusion bending model for a Timoshenko beam on a Winkler foundation: unsteady elastic diffusion bending model for a Timoshenko beam on a Winkler foundation. Archive of Applied Mechanics, 2022, 92, 1355-1366.	2.2	4
2	Modelling of rectangular Kirchhoff plate oscillations under unsteady elastodiffusive perturbations. Acta Mechanica, 2021, 232, 1785.	2.1	1
3	Non-stationary bending of a finite electromagnetoelastic rod. ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik, 2021, 101, e202000316.	1.6	1
4	Unsteady Elastic Diffusion Vibrations of an Orthotropic Rectangular Kirchhoff Love Plate Considering a Diffusion Fluxes Relaxation. Lobachevskii Journal of Mathematics, 2021, 42, 2064-2075.	0.9	0
5	Unsteady Elastic Diffusion Vibrations of a Simply Supported Euler-Bernoulli Beam Under the Distributed Transverse Load. Advanced Structured Materials, 2021, , 487-499.	0.5	3
6	Free and forced bending vibrations of a thin plate in a perfect compressible fluid with energy dissipation taken into account. ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik, 2020, 100, e201900102.	1.6	7
7	Non-stationary Contact Problems for Thin Shells and Solids. Structural Integrity, 2020, , 287-292.	1.4	2
8	Impact of Transient Pressure on a Half-Space with Membrane Type Coating. Structural Integrity, 2020, , 312-315.	1.4	2
9	Unsteady Electromagnetic Elasticity of Piezoelectrics Considering Diffusion. Izvestiya of Saratov University New Series Series: Mathematics Mechanics Informatics, 2020, 20, 193-204.	0.3	0
10	Dynamic Bending of an Infinite Electromagnetoelastic Rod. Izvestiya of Saratov University New Series Series: Mathematics Mechanics Informatics, 2020, 20, 493-501.	0.3	2
11	Propagation of Non-stationary Axisymmetric Perturbations from a Spherical Cavity in Cosserat Medium. Advanced Structured Materials, 2020, , 273-292.	0.5	1
12	Bulk Green's Functions in Two-dimensional Coupled Unsteady Problems of Elastic Diffusion for Orthotropic Continuum. Lobachevskii Journal of Mathematics, 2019, 40, 375-383.	0.9	1
13	Unsteady vibration model of the euler-bernoulli beam taking into account diffusion. Journal of Physics: Conference Series, 2019, 1158, 042043.	0.4	3
14	Stresses in Viscoelastic Half Space at Given on the Boundary Non-stationary Normal Displacement. Lobachevskii Journal of Mathematics, 2019, 40, 335-340.	0.9	3
15	An Elastodiffusive Orthotropic Euler-Bernoulli Beam Considering Diffusion Flux Relaxation. Mathematical and Computational Applications, 2019, 24, 23.	1.3	5
16	Analytical Solution of Non-stationary Waves Propagation in Viscoelastic Layer Problem. Lobachevskii Journal of Mathematics, 2019, 40, 2084-2089.	0.9	0
17	Mechanics of fiber composites: Forms of loss of stability and fracture of test specimens resulting from three-point bending tests. ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik, 2019, 99, e201800063.	1.6	21
18	The Model of Thin Electromagnetoelastic Shells Dynamics. Structural Integrity, 2019, , 254-258.	1.4	3

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19	Stationary Dynamic Acoustoelasticity Problems of a Thin Plate in a Perfect Compressible Fluid, Taking into Account the Dissipation of Energy in the Plate and Liquid. <i>Structural Integrity</i> , 2019, , 364-369.	1.4	1
20	Transient Contact Problem for Liquid Filled Concentric Spherical Shells and a Rigid Barrier. <i>Structural Integrity</i> , 2019, , 389-391.	1.4	4
21	Analytical Solutions of Some Nonstationary Contact Problems with Moving Boundaries. <i>Structural Integrity</i> , 2019, , 383-384.	1.4	0
22	Influence of Viscoelasticity Properties on Propagation of Two-Dimensional Non-stationary Waves in a Half-Plane. <i>Structural Integrity</i> , 2019, , 385-386.	1.4	0
23	Determination of Vibrations at Different Points in the Ground After the Passage of a Spherical Wave Through a Vibration-Absorbing Obstacle. <i>Structural Integrity</i> , 2019, , 365-370.	1.4	0
24	Propagation of the Coupled Waves in the Electromagnetoelastic Thick-Walled Sphere. <i>Structural Integrity</i> , 2019, , 407-408.	1.4	0
25	Features of Subsonic Stage of Contact Interaction of Viscoelastic Half-Plane and Absolutely Rigid Striker. <i>Structural Integrity</i> , 2019, , 283-288.	1.4	0
26	Analysis of Vibration Insulation Properties of a Plate in an Elastic Medium Under the Influence of Different Types of Waves. <i>Structural Integrity</i> , 2019, , 298-303.	1.4	2
27	The Unsteady Contact Interaction Problem of an Absolutely Rigid Body and a Membrane. <i>Structural Integrity</i> , 2019, , 289-293.	1.4	2
28	Transient Spatial Motion of Cylindrical Shell Under Influence of Non-stationary Pressure. <i>Structural Integrity</i> , 2019, , 264-269.	1.4	4
29	One-dimensional problem of piezoelectric electromagnetic diffusion for a layer. <i>Journal of Physics: Conference Series</i> , 2018, 1129, 012040.	0.4	0
30	Nonstationary Axisymmetric Motion of an Elastic Momentum Half-Space Under Nonstationary Normal Surface Displacements. <i>Lobachevskii Journal of Mathematics</i> , 2018, 39, 1484-1494.	0.9	0
31	Thermoelastic Deformation of a Circular Sandwich Plate by Local Loads. <i>Mechanics of Composite Materials</i> , 2018, 54, 299-312.	1.4	10
32	Axisymmetric Problem Lemba for the Cosserat Medium. <i>Izvestiya of Saratov University New Series Series: Mathematics Mechanics Informatics</i> , 2018, 18, 496-506.	0.3	0
33	Propagation of one-dimensional non-stationary waves in viscoelastic half space. <i>Lobachevskii Journal of Mathematics</i> , 2017, 38, 827-832.	0.9	6
34	Investigation of Different Versions of Formulation of the Problem of Soundproofing of Rectangular Plates Surrounded with Acoustic Media. <i>Journal of Mathematical Sciences</i> , 2017, 220, 59-81.	0.4	3
35	A two-dimensional nonstationary problem of elastic diffusion for an orthotropic one-component layer. <i>Lobachevskii Journal of Mathematics</i> , 2017, 38, 808-817.	0.9	13
36	SURFACE GREEN'S FUNCTION IN NON-STATIONARY PROBLEMS OF THERMOMECHANICAL DIFFUSION. <i>Problems of Strength and Plasticity</i> , 2017, 79, 38-47.	0.2	5

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37	Polar-symmetric problem of elastic diffusion for isotropic multi-component plane. IOP Conference Series: Materials Science and Engineering, 2016, 158, 012101.	0.6	2
38	Thermal-Force Deformation of a Physically Nonlinear Three-Layer Stepped Rod. Journal of Engineering Physics and Thermophysics, 2016, 89, 1582-1590.	0.6	6
39	Unsteady axisymmetric deformation of an elastic space with a spherical cavity under the action of body forces. Moscow University Mechanics Bulletin, 2016, 71, 87-92.	0.3	5
40	A NONSTATIONARY DYNAMIC PROBLEM ON THE EFFECTS OF SURFACE LOADS ON A HALF-SPACE WITH A NANOSIZED STRUCTURE WITHIN THE FRAMEWORK OF THE COSSERAT MEDIUM MODEL. International Journal of Nanomechanics Science and Technology, 2016, 7, 61-75.	0.5	2
41	NON-STATIONARY PROBLEMS FOR ELASTIC HALF-PLANE WITH MOVING POINT OF CHANGING BOUNDARY CONDITIONS. PNRPU Mechanics Bulletin, 2016, 3, 188-206.	0.4	2
42	Two-dimensional nonstationary problem of elastic diffusion for an isotropic one-component layer. Journal of Applied Mechanics and Technical Physics, 2015, 56, 1023-1030.	0.5	15
43	An elastic half-space under the action of one-dimensional time-dependent diffusion perturbations. Lobachevskii Journal of Mathematics, 2015, 36, 503-509.	0.9	16
44	Deformation of a Step Composite Beam in a Temperature Field. Journal of Engineering Physics and Thermophysics, 2015, 88, 1023-1029.	0.6	6
45	Electrodynamic Relations, Energy and Force Factors of the Actions of Electromagnetic Fields for Magnetic Media. Materials Science, 2015, 50, 545-554.	0.9	3
46	Unsteady axisymmetric deformation of an elastic thick-walled sphere under the action of volume forces. Journal of Applied Mechanics and Technical Physics, 2015, 56, 984-994.	0.5	7
47	Nonstationary 3D motion of an elastic spherical shell. Mechanics of Solids, 2015, 50, 208-217.	0.7	17
48	Elastic Half Plane Under the Action of Nonstationary Surface Kinematic Perturbations. Journal of Mathematical Sciences, 2014, 203, 202-214.	0.4	5
49	Approximate Solution of a Three-Dimensional Problem of Elastic Diffusion in an Orthotropic Layer. Journal of Mathematical Sciences, 2014, 203, 221-238.	0.4	7
50	Two-dimensional nonstationary contact of elastic cylindrical or spherical shells. Journal of Machinery Manufacture and Reliability, 2014, 43, 145-152.	0.5	22
51	Propagation of unsteady bulk perturbations in an elastic half-plane. Mechanics of Solids, 2011, 46, 266-274.	0.7	2
52	Propagation of unsteady waves in an elastic layer. Mechanics of Solids, 2011, 46, 779-787.	0.7	11
53	The propagation of time-dependent radial perturbations from a spherical cavity in an electromagnetoelastic space. Doklady Physics, 2010, 55, 468-470.	0.7	2
54	Vibrations of circular sandwich plates connected with an elastic foundation. Russian Aeronautics, 2009, 52, 151-157.	0.2	12

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55	Unsteady bending of the orthotropic cantilever Bernoulliâ€Euler beam with the relaxation of diffusion fluxes. ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik, 0, , .	1.6	0