

Vladimir I Andreev

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Determination of Rheological Parameters of Polyvinylchloride at Different Temperatures. MATEC Web of Conferences, 2016, 67, 06059.	0.1	34
2	On the Bending of a Thin Plate at Nonlinear Creep. Advanced Materials Research, 2014, 900, 707-710.	0.3	30
3	Comparison of Creep in free Polymer Rod and Creep in Polymer Layer of the Layered Composite. Procedia Engineering, 2016, 153, 51-58.	1.2	28
4	Layered structures mechanical properties assessment by dynamic tests. MATEC Web of Conferences, 2017, 117, 00018.	0.1	22
5	About One Way of Optimization of the Thick-Walled Shells. Applied Mechanics and Materials, 2012, 166-169, 354-358.	0.2	18
6	Application of the Contact Layer in the Solution of the Problem of Bending the Multilayer Beam. Procedia Engineering, 2016, 153, 59-65.	1.2	18
7	The Modeling of the Real Building Object by Using the Model of a Two-Layer Beam of Variable Rigidity on an Elastic Basis. Applied Mechanics and Materials, 0, 204-208, 3596-3599.	0.2	17
8	Model of Equal-Stressed Cylinder Based on the Mohr Failure Criterion. Advanced Materials Research, 2014, 887-888, 869-872.	0.3	13
9	Stationary Problems of Moisture-Elasticity for Inhomogeneous Thick-Walled Shells. Advanced Materials Research, 0, 671-674, 571-575.	0.3	11
10	Thermal Strength of Adhesion Bond. Applied Mechanics and Materials, 0, 670-671, 153-157.	0.2	11
11	About the Unloading in Elastoplastic Inhomogeneous Bodies. Applied Mechanics and Materials, 2013, 353-356, 1267-1270.	0.2	10
12	Stress State of Hemispherical Shell in the Frontal Movement of the Radiation Field. Applied Mechanics and Materials, 0, 405-408, 1073-1076.	0.2	10
13	The contact layer method in calculating of the shear compounds.. MATEC Web of Conferences, 2017, 117, 00008.	0.1	10
14	The Stress State in the Rock Mass Exposure to Moisture and Temperature Fields. Procedia Engineering, 2015, 111, 30-35.	1.2	9
15	Way of Optimization of Stress State of Elements of Concrete Structures. Procedia Engineering, 2016, 153, 37-44.	1.2	9
16	Stress State of a Thick-Walled Cylindrical Shell under the Combined Action of Radiation and Temperature Field. Advanced Materials Research, 0, 1006-1007, 177-180.	0.3	8
17	Calculation of Creep of Circular Cylindrical Shell by Bending Theory. Procedia Engineering, 2016, 165, 1141-1146.	1.2	8
18	CALCULATION OF THE THREE-LAYER SHALLOW SHELL TAKING INTO ACCOUNT THE CREEP OF THE MIDDLE LAYER. Vestnik MGSU, 2015, , 17-24.	0.2	8

#	ARTICLE	IF	CITATIONS
19	On the Nonlinear Effect of Joint Work of the Basis, Foundation Slab and the Structure. <i>Advanced Materials Research</i> , 2011, 250-253, 3591-3594.	0.3	7
20	Equilibrium of a Thick-Walled Sphere of Inhomogeneous Nonlinear-Elastic Material. <i>Applied Mechanics and Materials</i> , 0, 423-426, 1670-1674.	0.2	7
21	Iterative Method of Optimization of Stress State of Column under Eccentric Compression. <i>Procedia Engineering</i> , 2014, 91, 20-25.	1.2	7
22	The Inhomogeneous Plate with a Hole: Kirsch's Problem. <i>Procedia Engineering</i> , 2014, 91, 26-31.	1.2	7
23	Determining the True Strength of the Material of Fiberglass Thick Rings when Stretched with Half-Disks. <i>Advanced Materials Research</i> , 2015, 1102, 155-159.	0.3	7
24	Stress-strain state of a three-layer rod. Comparison of the results of analytical and numerical calculations with the experiment. <i>MATEC Web of Conferences</i> , 2018, 196, 01057.	0.1	7
25	Layered composite and contact layer. Normal separation and transversal strength. <i>MATEC Web of Conferences</i> , 2018, 251, 04066.	0.1	7
26	The Calculation of the Two-Layer Beam Model on an Elastic Basis with Variable Modulus of Subgrade Reaction. <i>Applied Mechanics and Materials</i> , 0, 351-352, 566-569.	0.2	6
27	Solving the plane problem of elasticity theory for a radially inhomogeneous body in displacements. <i>Soviet Applied Mechanics</i> , 1987, 23, 366-371.	0.0	5
28	On the Stability of Rod with Variable Cross-section. <i>Procedia Engineering</i> , 2015, 111, 42-48.	1.2	5
29	Influence of Inhomogeneity on the Stress State of the Hemisphere Under the Locally Distributed Vertical Load. <i>Procedia Engineering</i> , 2015, 111, 36-41.	1.2	5
30	The Stress State in Inhomogeneous Elastic Beam at Combined Strength. <i>Applied Mechanics and Materials</i> , 0, 501-504, 645-648.	0.2	4
31	Numerical-Analytical Solution of Two-Dimensional Problem for Elastic Radially Inhomogeneous Thick-Walled Cylinder. <i>Applied Mechanics and Materials</i> , 0, 752-753, 642-647.	0.2	4
32	The Method of Separation of Variables in the Problem of Theory of Elasticity for Radially Inhomogeneous Cylinder. <i>Applied Mechanics and Materials</i> , 0, 752-753, 593-598.	0.2	4
33	Free Torsion of Viscoelastic Rod with Non-circular Cross-section. <i>Procedia Engineering</i> , 2016, 165, 1147-1151.	1.2	4
34	The Solution of the Nonlinear Problems of Elasticity Theory for Ground Massif Considering the Inhomogeneity Caused by Soil Moisture. <i>Procedia Engineering</i> , 2016, 153, 45-50.	1.2	4
35	The edge effects in layered beams. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 365, 042049.	0.3	4
36	Elastic-Plastic Equilibrium of a Hollow Cylinder from Inhomogeneous Perfectly Plastic Material. <i>Applied Mechanics and Materials</i> , 0, 405-408, 3182-3185.	0.2	3

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37	Two-Dimensional Problem of Moisture Elasticity of Inhomogeneous Spherical Array with Cavity. Applied Mechanics and Materials, 0, 580-583, 812-815.	0.2	3
38	Stress State of a Radial Inhomogeneous Semi Sphere under the Vertical Uniform Load. Procedia Engineering, 2014, 91, 32-36.	1.2	3
39	Axisymmetric Thermo-elastic Deformation of the Cylinder with Two-dimensional Inhomogeneity of Material. Procedia Engineering, 2016, 153, 32-36.	1.2	3
40	Creation on the basis of the first theory of strength model equal stressed cylinder exposed to power and temperature loads. MATEC Web of Conferences, 2017, 129, 05006.	0.1	3
41	Elastic-Plastic State of Inhomogeneous Soil Array with a Spherical Cavity. Advanced Materials Research, 0, 842, 462-465.	0.3	2
42	Stress-Strain State of Weightless Inhomogeneous Array with Cylindrical Hole. Advanced Materials Research, 0, 919-921, 740-743.	0.3	2
43	Axisymmetric Thermo-elastic Deformation of the Cylinder with Two-dimensional Inhomogeneity of Material. MATEC Web of Conferences, 2016, 61, 05008.	0.1	2
44	Optimization of the thin-walled rod with an open profile. MATEC Web of Conferences, 2016, 86, 01033.	0.1	2
45	Long Strength of Layered Composite under Normal Fracture. , 2015, , .		2
46	Nonstationary Problem Moisture Elasticity for Nonhomogeneous Hollow Thick-Walled Sphere. Advanced Materials Research, 0, 838-841, 254-258.	0.3	1
47	Two-Dimensional Problem Moisture Elasticity for Inhomogeneous Flat Annular Area. Applied Mechanics and Materials, 2014, 580-583, 2974-2977.	0.2	1
48	Calculation of Long Span Structures to Seismic and Accidental Impacts in Nonlinear Dynamic Formulation. Applied Mechanics and Materials, 2014, 670-671, 764-768.	0.2	1
49	Settlement Researches of Seismically Isolated Buildings. Applied Mechanics and Materials, 0, 752-753, 599-604.	0.2	1
50	Thermal stress state of rock massif with a spherical cavity taking into account inhomogeneity of the medium. MATEC Web of Conferences, 2016, 86, 03010.	0.1	1
51	Numerical Methods for Solving Physically Nonlinear Problems for Inhomogeneous Thick-Walled Shells. Applied Mechanics and Materials, 2017, 865, 325-330.	0.2	1
52	Plasticity and Creep of Materials at Variable Stresses. MATEC Web of Conferences, 2018, 251, 04004.	0.1	1
53	Calculation of Prestressed Pressure Vessel Taking into Account the Concrete Temperature Inhomogeneity. E3S Web of Conferences, 2018, 33, 02027.	0.2	1
54	Calculation of nonlinear elastic three-layer cylindrical shell of finite length with taking into account the continuous inhomogeneity caused by the temperature field. E3S Web of Conferences, 2019, 91, 02018.	0.2	1

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55	Stability analysis of wooden arches with account for nonlinear creep. Advanced Engineering Research, 2021, 21, 114-122.	0.1	1
56	Analysis of Residual Stresses in a Polymer Cylinder when it is Stopped and then Cooled in a Nonlinear and Linearized Problem Settings. Key Engineering Materials, 0, 899, 486-492.	0.4	1
57	Elasticâ€“Plastic Equilibrium of a Hollow Ball Made of Inhomogeneous Ideal-Plastic Material. Lecture Notes in Civil Engineering, 2022, , 177-188.	0.3	1
58	Computation of thin-walled boxlike system subjected to internal pressure. Strength of Materials, 1984, 16, 562-567.	0.2	0
59	Stress concentration close to a cylindrical cavity in an inhomogeneous medium. Soviet Applied Mechanics, 1984, 20, 123-129.	0.0	0
60	Calculation of an Anisotropic Hemispherical Shell with Inhomogeneous in the Meridian Direction. Applied Mechanics and Materials, 2016, 835, 579-582.	0.2	0
61	Calculation of the stressed state of a soil massif in the filtration of a liquid from a point source. MATEC Web of Conferences, 2018, 196, 01022.	0.1	0
62	Interaction of a Circular Cylindrical Shell with an Elastic Foundation. Applied Mechanics and Materials, 0, 878, 3-7.	0.2	0
63	Calculation of radial inhomogeneity cylindrical shell when exposed to high temperatures by numerical-analytical method and fem. E3S Web of Conferences, 2019, 135, 01037.	0.2	0
64	Elastoplastic Equilibrium of a Hollow Cylinder from an Inhomogeneous Perfectly Plastic Material. Applied Mechanics and Materials, 0, 893, 6-12.	0.2	0
65	Elastoplastic Equilibrium of a Hollow Thick-Walled Radially Inhomogeneous Ball. Key Engineering Materials, 0, 805, 198-203.	0.4	0
66	On Nonlinear Deformation of Concrete at Elevated Temperatures. , 2017, , .		0
67	Concrete quality testing in existing structures. Methods of european standards. Vestnik MGSU, 2019, , 967-975.	0.2	0
68	Creep of a heterogeneous polymer cylindrical shell. IOP Conference Series: Materials Science and Engineering, 2021, 1030, 012091.	0.3	0