

Vladimir Dudarev

List of Publications by Year in descending order

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papers

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citations

1307594

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1372567

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all docs

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docs citations

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times ranked

25
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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Electroelastic waveguide: Analysis of the effect of prestresses. Mechanics Research Communications, 2021, 115, 103735. | 1.8 | 0 |
| 2 | Identification of characteristics of a functionally graded isotropic cylinder. International Journal of Mechanics and Materials in Design, 2021, 17, 321-332. | 3.0 | 4 |
| 3 | A study of vibrations of a cylinder with a viscoelastic coating. Computational Continuum Mechanics, 2021, 14, 312-321. | 0.5 | 2 |
| 4 | Identification of the Lamé parameters of an inhomogeneous pipe based on the displacement field data. European Journal of Mechanics, A/Solids, 2020, 81, 103939. | 3.7 | 4 |
| 5 | Effect of material inhomogeneity on characteristics of a functionally graded hollow cylinder. Applied Mathematics and Computation, 2020, 382, 125333. | 2.2 | 4 |
| 6 | Concerning an approach to identifying the Lamé parameters of an elastic functionally graded cylinder. Mathematical Methods in the Applied Sciences, 2020, 43, 6861-6870. | 2.3 | 8 |
| 7 | On the determination of the Biot modulus of poroelastic cylinder. ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik, 2019, 99, e201800137. | 1.6 | 2 |
| 8 | Detection of nonuniform residual strain in a pipe. International Journal of Solids and Structures, 2018, 139-140, 121-128. | 2.7 | 9 |
| 9 | Determination of the Inhomogeneous Preliminary Stress-Strain State in a Piezoelectric Disk. Journal of Applied Mechanics and Technical Physics, 2018, 59, 542-550. | 0.5 | 4 |
| 10 | Vibrations of inhomogeneous piezoelectric bodies in conditions of residual stress-strain state. Applied Mathematical Modelling, 2018, 63, 219-242. | 4.2 | 6 |
| 11 | Some aspects of modeling and identification of inhomogeneous residual stress. Engineering Structures, 2017, 151, 391-405. | 5.3 | 19 |
| 12 | On modeling and method of nondestructive reconstruction of residual stress-strain state in a rod. AIP Conference Proceedings, 2016, , . | 0.4 | 2 |
| 13 | Vibration of a prestressed tube in the presence of plastic zone. Journal of Sound and Vibration, 2016, 375, 92-101. | 3.9 | 8 |
| 14 | Influence of the residual elastic-plastic state of a tube on the dynamic characteristics. Doklady Physics, 2015, 60, 377-379. | 0.7 | 7 |
| 15 | On the determination of the internal pressure in a cylinder based on acoustic testing data. Russian Journal of Nondestructive Testing, 2014, 50, 595-601. | 0.9 | 5 |
| 16 | Determination of the prestressed state in a tube. Doklady Physics, 2014, 59, 241-243. | 0.7 | 9 |
| 17 | On restoring of the pre-stressed state in elastic bodies. ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik, 2011, 91, 485-492. | 1.6 | 15 |
| 18 | On Some Problems of Reconstruction of Inhomogeneous Pre-Stressed State in Elastic Solids. Izvestiya of Saratov University New Series Series: Mathematics Mechanics Informatics, 2009, 9, 25-32. | 0.3 | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Identification of Inhomogeneous Residual Stress State in Elastic Cylinder within the Framework of Plane Strain. <i>Advanced Materials Research</i> , 0, 996, 404-408. | 0.3 | 8 |
| 20 | Nondestructive Identification of Inhomogeneous Residual Stress State in Deformable Bodies on the Basis of the Acoustic Sounding Method. <i>Advanced Materials Research</i> , 0, 996, 409-414. | 0.3 | 12 |