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Employment Information

| Faculty/Department | Position/Rank | Employment Type | Cooperation Type | Grade |
|--------------------|---------------|-----------------|------------------|-------|
| (not set) | (not set) | Tenured | Full Time | |

Papers in Journals

1. Vibrations of Multi-Layer Beam with Nanocomposite Face Sheets Reinforced with Graphene Platelets and Porous Core, J Solid Mech, Vol. 15, pp. 258, 2023 09 01, JCR.
2. The Frequency Response of Intelligent Composite Sandwich Plate Under Biaxial In-Plane Forces, J Solid Mech, Vol. 15, pp. 1, 2023 03 01, JCR.
3. An extensive review of the repair behavior of smart self-healing polymer matrix composites, Journal of Materials Research, Vol. 38, pp. 617, 2023 01 04, ISI-Listed.
4. The Supersonic Flutter Behavior of Sandwich Plates with an Magnetorheological Elastomer Core and Gnp-Reinforced Face Sheets, International Journal of Applied Mechanics, Vol. 13, pp. 2250015, 2022 12 07, ISC, JCR.
5. Vibrational study on multilayer sandwich plates: porous FGM core, nanocomposite and piezoelectric face sheets, Journal of Solid Mechanics, 2022 10 26, SCOPUS, JCR.
6. Magneto-Rheological Response in Vibration of Intelligent Sandwich Plate with Velocity Feedback Control, Journal of Solid Mechanics, Vol. 14, pp. 430, 2022 09 08, ISC.
7. Magneto-Rheological Response in Vibration of Intelligent Sandwich Plate with Velocity Feedback Control, Journal of Solid Mechanics, Vol. 14, pp. 430, 2022 09 08, SCOPUS, JCR.
8. Monotonous, symmetric, and nonsymmetric patterns of porous core in vibration study of nano-composite sandwich plate bonded by piezoelectric sheets, Journal of Computational Applied Mechanics, Vol. 53, pp. 444, 2022 09 01, SCOPUS, JCR.
9. Dynamic Stability Analysis of Bi-Directional Functionally Graded Beam with Various Shear Deformation Theories Under Harmonic Excitation and Thermal Environment, Journal of Solid Mechanics, Vol. 14, pp. 272, 2022 05 20, SCOPUS, JCR.

10. علی قربانپور, معصومه اسکندری شهرکی, الهام حق پرست, Instability analysis of axially moving sandwich plates with a magnetorheological elastomer core and GNP-reinforced face sheets, *Journal of the Brazilian Society of Mechanical Sciences and Engineering*, Vol. 44, pp. 150, 2022 03 22, SCOPUS, JCR.
11. M. Rafaati, A. Zali, A. Ghorbanpour Arani, M. Sehhati, Analysis of sequential ultrasound frames for the measurement of hemodynamic stresses, critical bent buckling pressure, and critical buckling torque of human common carotid atherosclerosis, *CLIN BIOMECH*, Vol. 87, pp. 105401, 2021 05 27, SCOPUS, JCR.
12. A. Ghorbanpour Arani, A. Farazin, M. Mohammadimehr, The effect of nanoparticles on enhancement of the specific mechanical properties of the composite structures: A review research, *Advances in Nano Research*, Vol. 10, pp. 327, 2021 04 25, SCOPUS, ISI-Listed.
13. J. Kargar, A. Ghorbanpour Arani, E. Arshid, M. Irani Rahaghi, Vibration analysis of spherical sandwich panels with MR fluids core and magneto-electro-elastic face sheets resting on orthotropic viscoelastic foundation, *STRUCT ENG MECH*, Vol. 78, pp. 557, 2021 04 06, SCOPUS, ISI-Listed.
14. A. Ghorbanpour Arani, A. Farazin, M. Mohammadimehr, S. Ienjan Nejadian, Energy harvesting of sandwich beam with laminated composite core and piezoelectric face sheets under external fluid flow, *SMART STRUCT SYST*, Vol. 27, pp. 641, 2020 12 19, SCOPUS, ISI-Listed.
15. پویا پورموسی, الهام حق پرست, شهریار نیک نژاد, علی قربانپور, ایمان صفری, Thermodynamic Stability of Sandwich Micro-Beam with Honeycomb Core and Piezoelectric / Porous Viscoelastic Graphene Facesheets, *Journal of Solid Mechanics*, 2020 11 08, SCOPUS, JCR.
16. A. Ghorbanpour Arani, A.H. Soltan Arani, E. Haghparast, flexoelectric and surface effects on vibration frequencies of annular nanoplate, *INDIAN J PHYS*, 2020 10 20, SCOPUS, JCR.
17. A.A. Ghorbanpour Arani, E. Haghparast, A. Ghorbanpour Arani, Effect of Fluid-Structure Interaction on Vibration of Moving Sandwich Plate With Balsa Wood Core and Nanocomposite Face Sheets, *INT J APPL MECH*, Vol. 12, pp. 2050078, 2020 09 26.
18. A. Ghorbanpour Arani, M. Abdollahian, Refined Zigzag Theory for Nonlinear Dynamic Response of an Axially Moving Sandwich Nano beam Embedded on Visco-Pasternak Medium Using MCST, *Journal of Solid Mechanics*, Vol. 12, pp. 752, 2020 09 08, SCOPUS, JCR.
19. A.A. Ghorbanpour Arani, Z. Khoddami Maraghi, A. Ghorbanpour Arani, Magneto-Rheological Response in Vibration of Intelligent Sandwich Plate with Velocity Feedback Control, *Journal of Solid Mechanics (JSM)*, 2020 07 16, SCOPUS, ISC, JCR.
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21. A.H. Ghorbanpour, & Arani, M. Abdollahian, A. Ghorbanpour Arani, Nonlinear dynamic analysis of temperature-dependent functionally graded magnetostrictive sandwich nanobeams using different beam theories, *J BRAZ SOC MECH SCI*, Vol. 42, pp. 314, 2020 05 04, SCOPUS, JCR.
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- sandwich beam with MR core and axially FGM faces layers in yawed supersonic airflow, *EUR J MECH A-SOLID*, Vol. 77, pp. 103792, 2019 05 23, SCOPUS , ISI-Listed.
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