

Ali Hatami

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Education

- B.Sc, Pure Mathematics,Guilan University - 1999
- MS, Pure Mathematics - Algebra,Sistan and Baluchestan University - 2001
- PhD, Applied Mathematics - physics,Sistan and Baluchestan University - 2012

Courses

1. Mathematics1
2. Differential equations
3. Advanced finite deformation in elasticity
4. Theory of non linear elastycity and applications

Master Thesis

Journals Papers

2022

1. Analysis of the bending of a neo-Hookean electro-elastic shell of arbitrary thickness under an externally-applied hydrostatic pressure

Omid Teymoori, Ali Hatami

Latin American Journal of Solids and Structures Volume: (19) e421 -1 - e421 -20

2021

2. On the vibrations of the imperfect sandwich higher-order disk with a lactic core using generalize differential quadrature method

M.S.H. Al-Furjan, Ali Hatami, Mostafa Habibi, Lijun Shan, Abdelouahed Tounsi

COMPOSITE STRUCTURES Volume: (257) 113150-1 - 113150-18

2020

3. Comparison of the effect of laminar and turbulent flow regimes on thermal stresses and strains in an annular fin

Mojtaba Hosseini, Ali Hatami, Samira Payan

Journal of Mechanical Science and Technology Volume: (34) 413 - 424

4. Effect of Trapezoidal Geometry of Cross-Section of Annular Fin on Thermal Stresses and Strains

Ali Hatami, Samira Payan, Mojtaba Hosseini

Journal of Mechanical Engineering Research and Developments Volume: (43) 271 - 282

5. Numerical analysis of thermal stresses and strains of annular finned tube bundle in turbulent flow regime

Ali Hatami, Samira Payan, Mojtaba Hosseini

Mechanics and Industry Volume: (21) -

2019

6. Numerical study of the effect of a square block on the deformation of channel walls

Mojtaba Hosseini, Ali Hatami

Australian Journal of Mechanical Engineering Volume: (19) 1 - 10

2018

7. WKB Results for the Rotating Thick-Walled Incompressible Elastic Tubes

Ali Hatami

Journal of Engineering Science and Technology Review Volume: (11) 121 - 125

2017

8. Theoretical Investigation of the Reaction Mechanism for a Type of N-heterocyclic Compound Involving Mono-N-aryl-3-aminodihydropyrrol

SayyedMostafa Habibi Khorassani, Mehdi Shahraki, , Mohammad Ansarifard, Ali Hatami

Physical Chemistry Research Volume: (5) 755 - 769

2015

9. The effect of collaborative learning and selfassessment on self-regulation

Ali Hatami

Educational Research and Reviews Volume: (10) 2164 - 2167

2013

10. Another approach of WKB method for the stability analysis of the bending of an elastic rubber block

Murteza Sanjarani Pour, Ali Hatami, Nasrin Abdolalian

INTERNATIONAL JOURNAL OF ENGINEERING SCIENCE Volume: (62) 1 - 8

Conferences Papers

2017

1. Eigenvalues of the heat equation with variable properties using the WKB method

48th annual iranian mathematics conference

, Ali Hatami

2. Modeling inhomogeneous deformations of a cone of a neo-Hookean solid

48th annual iranian mathematics conference

, Ali Hatami

2016

3. Asymptotic Results For The Rotating Thick-Walled Incompressible Elastic Tubes

The IRES 46th International Conference

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Executive activities