

CURRICULUM VITA

Hojjatollah Rokhgireh

Citizenship

Iranian

Birthday

May 19 1984

Marital Statue

Married, One kids

Permanent Address:

Rokhgireh Hojjatollah, Department of Mechanical Engineering, Faculty of Engineering,
University of Larestan, Larestan, Iran

Email: rokhgireh@lar.ac.ir
rokhgireh@gmail.com

Education

- **Ph.D.:** Mechanical Engineering, Shiraz Univrsity, Shiraz, France.

“Yield surface distortion modeling in cyclic loadings”, Thesis director: Dr. Ali
Nayebi, 5th January 2014.

- **M.Sc.:** Mechanical Engineering, Tarbiat Modares University, Tehran, Iran, April 2009.

“Numerical simulation of concrete slab perforation of under ballistic impact”
Thesis directors: Professor G. H. Liaghat

- **B.Sc.:** Mechanical Engineering, Shiraz Universit, Shiraz, Iran, 2006.

“Design and construction of pendulum with permanent motion”
Directors: Professor M. R. Hemmatian

Interesting Research

1. Life assessment of mechanical components
2. Plasticity and Visco-plasticity, Continuum Damage Mechanics,
3. Modeling of Materials behaviors
4. Advanced nonlinear numerical methods
5. Design of aerospace structures
6. Composite analysis and design
7. Mechanics of high velocity impact

Research Projects:

- 1) A. Nayebi & H. Rokhgireh, Structural design of +150 airplane wing under fatigue, 2014.
 - 2) F. Daneshmand, H. Rokhgireh, Hydro elastic test of dam gate, 2005
 - 3) H. Rokhgireh, Stress analysis of electrical transmission tower, 2003
 - 4) H. Rokhgireh, Preliminary design of impact lab, 2007
 - 5) H. Rokhgireh, Design of filament winding composite vessel, 2008
 - 6) H. Rokhgireh, Design of Sonar mechanism, 2010
 - 7) H. Rokhgireh, Design of servo mechanical hydraulic actuator, 2011
 - 8) H. Rokhgireh, Flight simulation of WIG, 2012
 - 9) Design and construction of turbine flow meter, 2008-2013
-

Taught courses

Vibration, Machinery Dynamics, Strength of Materials I, Strength of Materials II, Strength of Materials III, Industrial Drawing, Numerical Methods, Dynamics,

Employment History:

- 1) Assistant Professor, University of Larestan (Since 2014)
 - 2) Vice Chancellor for Education, University of Larestan (Since 2014)
-

Publications

Journal papers:

- 1) Nayebi A, **Rokhgireh H.** (2015) Using of anisotropic continuum damage mechanics to describe yield surface distortion Applied Mechanics and Materials 784:11-18.
- 2) **Rokhgireh H.**, Nayebi A (2013) A new yield surface distortion model based on Baltov and Sawczuk's model Acta Mechanica 224:1457-1469
- 3) Nayebi A, Ranjbar H, **Rokhgireh H.** (2013) Analysis of unified continuum damage mechanics model of gas turbine rotor steel: life assessment J. of Materials Design and Applications 227:216-225
- 4) **H. Rokhgireh** and A. Nayebi, Cyclic uniaxial and multiaxial loading with yield surface distortion consideration on prediction of ratcheting, Mechanics of Materials, 2012, Vol. 47, pp. 61-74.

Congress Papers:

- 1) A. Nayebi, ***H. Rokhgireh***, A New Model to Describe Yield Surface Distortion Based on the Baltov and Sawczuk's Model, ASME IGTI. 2012
 - 2) ***H. Rokhgireh***, A. Nayebi, Baltov's yield surface distortion model application in cyclic loading: uniaxial loading, ISME 2010
 - 3) ***H. Rokhgireh***, A. Nayebi, A new model to Describe yield surface distortion based on the Baltov's model, 20th Annual Conference of Mechanical Engineering (ISME) 2012.
-