



## CURRICULUM VITAE

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### **Education/Qualifications**

2009-2014 Shiraz University, PhD in Mechanical Engineering of Solids  
2009-2006 Tarbiat Modares University, Msc in Mechanical Engineering of Solids  
2002-2006 Shiraz University, BSc in Mechanical Engineering of Solids

### **Employment to Date/Work Experience**

2014-present Assistant Professor, Mechanical Engineering, University of Larestan  
2014-2016 Vice Chancellor for Education, University of Larestan

### **Other Experience/Activities**

Managing Director of Pars Borhan Sadid Design and Engineering Co. (Site: pbsadid.ir)

**Languages** English: intermediate; Persian: basic.

**Other Skills** Software: MATLAB (Coding (professional), Simulink (professional), Simechanics (professional), Curve Fitting Toolbox, PDE tool, GUI programming (professional), Control toolbox, Hardware Control), ANSYS (APDL (professional), Workbench (professional), CFX (professional), nCode DesignLife (professional), ANSYS ACP (professional), Structural Analysis (professional), Electromagnetic Analysis (professional), Multi physics (professional)), Franc3D (professional), Franc2D (professional), Intel Fortran (professional), ADAMS (professional)  
Design and construction of machinery

### **Publications**

#### **- Journal Papers**

- 2008 Nayebi A, Rokhgireh H., Using of anisotropic continuum damage mechanics to describe yield surface distortion, Applied Mechanics and Materials 784:11-18.
- 2013 Rokhgireh H., Nayebi A, A new yield surface distortion model based on Baltov and Sawczuk's model, Acta Mechanica 224:1457-1469
- 2013 Nayebi A, Ranjbar H, Rokhgireh H., Analysis of unified continuum damage mechanics model of gas turbine rotor steel: life assessment, J. of Materials Design and Applications 227:216-225
- 2012 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.
- 2016 H. Rokhgireh and A. Nayebi, Modeling of non-proportional cyclic loading with a simple yield surface distortion model, Mechanics Research Communications 72, 87-92
- 2017 H. Rokhgireh and A. Nayebi, Multiaxial ratcheting modeling with incorporation of a yield surface distortion model, Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, Vol. 231, Issue 6, pp. 979-994
- 2017 H Rokhgireh, A Nayebi, J. L. Chaboche, Application of a new distortional yield surface model in cyclic uniaxial and multiaxial loading, International Journal of Solids and Structures 110, 219-238



- 2018 A Surmiri, A Nayebi, H Rokhgireh, Shakedown-ratcheting analysis of Bree's problem by anisotropic continuum damage mechanics coupled with nonlinear kinematic hardening model, *International Journal of Mechanical Sciences* 137, 295-303
- 2018 M Araghi, H Rokhgireh, A Nayebi, Evaluation of fatigue damage model of CDM by different proportional and non-proportional strain controlled loading paths, *Theoretical and Applied Fracture Mechanics* 98, 104-111

**- Conference Papers**

- 2012 A. Nayebi, H. Rokhgireh, A New Model to Describe Yield Surface Distortion Based on the Baltov and Sawczuk's Model, *ASME IGTI*.
- 2010 H. Rokhgireh, A. Nayebi, Baltov's yield surface distortion model application in cyclic loading: uniaxial loading, *ISME*
- 2012 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)*
- 2017 Hojjatollah Rokhgireh 1, Ali Nayebi, Stress analysis of an induced elastoplastic bending of Lithium ion battery electrodes, *ISME*, Tarbiat Modares university

**References**

Prof. Mojtaba Mahzoon, Shiraz University, mahzoon@shirazu.ac.ir  
Prof Ali Nayebi, Shiraz University, nayebi@shirazu.ac.ir  
Prof. Ahmad Fazelzadeh, Shiraz University, fazelzad@shirazu.ac.ir