Biography

BSc in Civil Engineering, Sharif University of Technology, Tehran, Iran.

MSc in Structural Engineering (Mechanics of Structures and Materials), Sharif University of Technology, Tehran, Iran.

PhD in Structural Engineering, Sharif University of Technology, Tehran, Iran.

Mechanics of Composite Materials

Micromechanics of Defects in Solids

Theory of Structural Stability

Theory of Elasticity

Advanced Solid Mechanics

Theory of Plates and Shells

Research interests:

Constitutive models of heterogeneous materials
Defect mechanics
Fracture mechanics
Dynamic fracture mechanics
Homogenizing methods of heterogeneous media using micromechanics
Analysis and design of composite structures

Journal papers:

1. **Khezrzadeh, H.** Overall Properties of Particulate Composites with Fractal Distribution of Fibers, *Mechanics of Materials*, **96**:1-11, 2016.
2. **Khezrzadeh, H.**, Wnuk, M.P., and Yavari, A. Influence of material ductility and crack surface roughness on fracture instability. *Journal of Physics D: Applied Physics*, **44**:395302, 2011.
3. Yavari, A., and **Khezrzadeh, H.** Estimating terminal velocity of rough cracks in the framework of discrete fractal fracture mechanics. *Engineering Fracture Mechanics*, **77**:1516-1526, 2010.
4. **Khezrzadeh, H.**, and Mofid, M. Interpretation of tensile softening in concrete, using fractal geometry. *Scientia Iranica*, **15(1)**:8-15, 2008.
5. Rasekh, A., Mofid, M., and **Khezrzadeh, H.** On the effect of large deflection on nonlinear behavior of an eccentric bracing system. *The Structural Design of Tall and Special Buildings*, **17(4)**:795-808, 2007.
6. **Khezrzadeh, H.**, and Mofid, M. Tensile fracture behavior of heterogeneous materials, based on fractal geometry. *Theoretical and Applied Fracture Mechanics*, **46**:46-56, 2006.

Conference papers:

1. **Khezrzadeh, H.**, and Mofid, M. New method in characterizing tensile softening procedure in concrete. In: Proceedings of the Sixth International Structural Engineering and Construction Conference (ISEC-6), 21-26 June, 2011. Zurich, Switzerland.