



Professor Mahmoud Shakeri

See:

<http://me.aut.ac.ir/M.shakeri.htm>

Mechanical Engineering Department
Amirkabir University of Technology, Tehran, Iran

Education:

B.S. Mechanical Engineering, Tehran Polytechnic, 1965.

M.S. Applied mechanics, University of Manchester, Institute of Science and Technology, (UMIST), 1977.

Ph.D. Applied Mechanics, UMIST, 1979.

Career Awards:

Distinguished Prof. (Mech. Eng. Dept.), 1997

Distinguished Prof. (Mech. Eng. Dept.), 1998

Distinguished Prof. (Amirkabir Univ. of Tech.) 1999

Distinguished Prof. Of 2001 Year (ISME), 2001

Outstanding Research Prof. (Amirkabir Univ. of Tech.), 2002

Distinguished Prof. (Mech. Eng. Dept.), 2002

Selected Publications:

M.Shakery, S.Fariborz and M.M.Aghdam, "Application of Extended Kantorovich Method to the Bending of Reissner Plates", Amirkabir Journal of Science and Technology, Vol. 5, No. 18, 1991.

M.R.Eslami, M.Shakery and R.Sedaghati, "Coupled Thermoelasticity of an Axially Symmetric Cylindrical Shells", Journal of Thermal Stress, Vol. 17, 1994.

M.M.Aghdam, M.Shakeri and S.Fariborz, "Solution to the Reissner Plate with Clamped Edges", Technical Note, Journal of Engineering Mechanics, Vol. 122, No. 7, 1996

- M.R.Eslami, M.Sharyat and M.Shakeri, "A General Layer-Wise Theory for Dynamic Buckling and Post-buckling of Laminated Composite Cylindrical Shells", *AIAA Journal*, Vol. 36, No. 10, 1998.
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- M.R.Eslami, M.Shakeri and M.Sharyat, "Elastic-Plastic Dynamic Buckling Analysis of Imperfect Cylindrical Shells", *Amirkabir Journal of Science & Technology*, Vol. 11, No. 42, 1999.
- M.Shakeri, M.R.Eslami, A.Alibiglu, "Dynamic Analysis of Orthotropic Cylindrical Panels", *Transaction of ISME Journal, Farsi Ed.*, 3rd Year, No. 1, 2001.
- A.Alibiglu, M.Shakeri, M.R.Eslami, "Elasticity Solution for Thick Laminated Circular Cylindrical Shallow and Non-shallow Panels under Dynamic Load", *Journal of Material Design & Applications, IMech.E, UK*, Vol. 215, No. 14, 2001.
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- M.Shakeri, M.R.Eslami, A.Alibiglu, "Analysis of Multi-layered Shallow Panels under Dynamic Thermal Load Based on Theory of Elasticity", *Iranian Journal of Science & Technology, Transaction B*, Vol. 26, B3, Shiraz, Iran, 2002.
- M.Shakeri, M.H.Yas, "Three-Dimensional Axisymmetric Vibration of Orthotropic and Cross-ply Laminated Hemispherical Shells", *Iranian Journal of Science & Technology, Transaction B*, Vol. 26, No. B3, Shiraz, Iran, 2002.
- M.R.Eslami, H.R.Ghorbani, M.Shakeri, "Thermoelastic Buckling of Thin Spherical Shells", *Journal of Thermal Stresses*, Vol. 24, No.12, 2001.
- M.Shakeri, M.R.Eslami, A.Alibiglu, "Elasticity Solution of Multi-layered Shallow Cylindrical Panels Subjected to Dynamic Loading", *Journal of Steel & Composite Structures*, Vol. 2, No.3, 2002.
- B.Shiari, M.R.Eslami, M.Shakeri, "Thermomechanical Shocks in Composite Cylindrical Shells: A Coupled Thermoelastic Finite Element Analysis", *Scientia Iranica Journal*, Vol.10, No. 1, 2003.
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- Shakeri M, Eslami MR, Daneshmehr A. "Dynamic analysis of thick laminated shell panel with piezoelectric layer based on three dimensional elasticity solution", *Comput Struct* 2006;84:1519–26.

M.Shakeri, M.R.Saviz, M.Yas, “Three-Dimensional Elasticity Solution for Thick Laminated Cylinder with Piezoelectric Layer”, Sent for Publication to: Transaction of ISME Journal, Int. Ed. 2005.

M.Akhlaghi, M.Shakeri, S.M.Hoseini, “Vibration and Radial Wave Propagation Velocity in Functionally Graded Thick Hollow Cylinder”, Sent for Publication to: Engineering Computations, Int. Journal , 2005

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