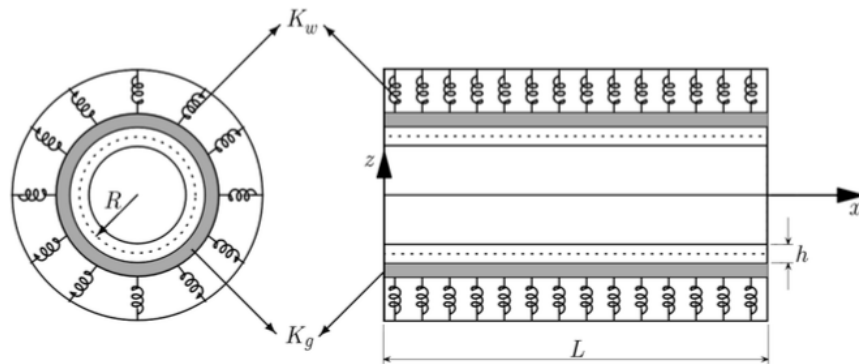




**Dr. Yasser Kiani**



Coordinate system and geometry of a cylindrical shell embedded in an elastic medium

See:

[http://www.researchgate.net/profile/Yasser\\_Kiani](http://www.researchgate.net/profile/Yasser_Kiani)

<https://www.linkedin.com/pub/dir/Yasser/Kiani>

<http://65.54.113.239/Author/47517650>

Department of Mechanical and Industrial Engineering  
Amirkabir University of Technology, Tehran, Iran

#### **Selected Publications:**

Bagherizadeh E., Kiani Y., Eslami M.R., 2011, Mechanical buckling of functionally graded material cylindrical shells surrounded by Pasternak elastic foundation, *Composite Structures* 93: 3063-3071.

Bagherizadeh E., Kiani Y., Eslami M.R., 2012, Thermal buckling of functionally graded material cylindrical shells on elastic foundation, *AIAA Journal*, 50, 2, 500-503

Mohammad Komijani, Yasser Kiani and Mohammad R. Eslami, "Non-linear thermoelectrical stability analysis of functionally graded piezoelectric material beams", *Journal of Intelligent Material Systems and Structures*, Vol. 24, No. 4, pp 399-410, March 2013

Kiani Y., Eslami M.R., 2013a, An exact solution for thermal buckling of annular plate on an elastic medium, *Composites Part B*, 45, 1, 101-110

Kiani Y., Eslami M.R., 2013b, Instability of heated circular FGM plates on a partial Winkler-type foundation, *Acta Mechanica*, 224, 5, 1045-1060

Torabi J., Kiani Y., Eslami M.R.: Linear thermal buckling analysis of truncated hybrid FGM conical shells. *Compos. B Eng.* 50(1), 265–272 (2013)

M. Sabzikar Boroujerdy, R. Naj and Y. Kiani, "Buckling of Heated Temperature Dependent FGM Cylindrical Shell Surrounded By Elastic Medium", *Journal of Theoretical and Applied Mechanics*, Vol. 52, No. 4, pp 869-881, Warsaw 2014

M. Akbari, Y. Kiani and M. R. Eslami, "Thermal buckling of temperature-dependent FGM conical shells with arbitrary edge supports", *Acta Mechanica* Vol. 226, No. 3, pp 897 – 915, March 2015

H. Asadi, Y. Kiani, M.M. Aghdam and M. Shakeri (Thermo-elasticity Center of Excellence, Mechanical Engineering Department, Amirkabir University of Technology, Tehran, Iran), "Enhanced thermal buckling of

laminated composite cylindrical shells with shape memory alloy”, *Journal of Composite Materials*, February 23, 2015