



Professor Behnam Sobhaniaragh

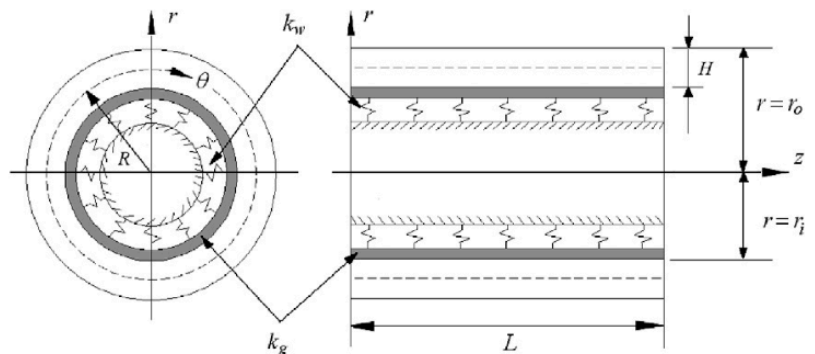


Fig. 1. Geometry of FGM cylindrical shell resting on elastic foundation.

From: B. Sobhani Aragh, Aida Zeighami, Mohammad Rafiee, M.H. Yas and Magd Abdel Wahab, 3-D thermo-elastic solution for continuously graded isotropic and fiber-reinforced cylindrical shells resting on two-parameter elastic foundations. *Applied Mathematical Modelling*, Vol. 37, pp 6556-6576, 2013

See:

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Selected Publications:

- Sobhani Aragh B., Yas M.H.: Static and free vibration analyses of continuously graded fiber-reinforced cylindrical shells using generalized power-law distribution. *Acta Mech.* 215, 155–173 (2010)
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M. Rafiee, M. Mohammadi, B. Sobhani Aragh, H. Yaghoobi, Nonlinear free and forced thermo-electro-aero-elastic vibration and dynamic response of piezo-electric functionally graded laminated composite shells, Part I: theory and analytical solutions, *Composite Structures* 103 (2013) 179–187.

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S. Jafari Mehrabadi and B. Sobhani Aragh (Department of Mechanical Engineering, Arak Branch, Islamic Azad University, Arak, Iran), “On the thermal analysis of 3-D temperature-dependent functionally graded open cylindrical shells”, *Composite Structures*, Vol. 96, pp 773-785, February 2013

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