



Dr. Famida Fallah

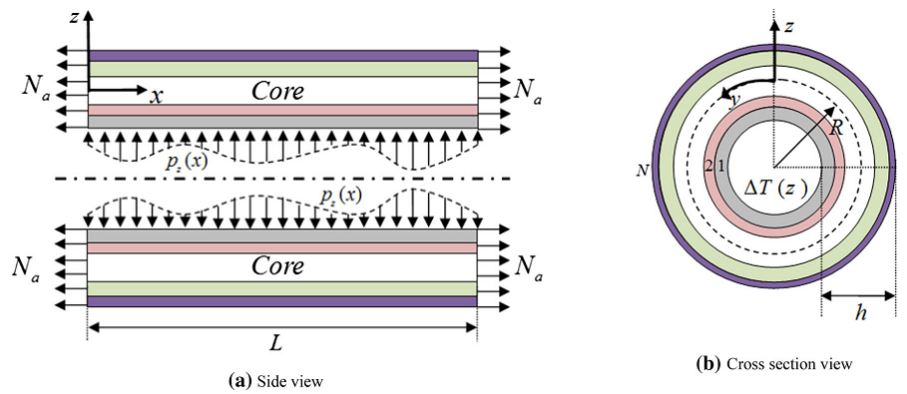


Fig. 1 Configuration of a laminated sandwich cylindrical shell, loadings, and the coordinate system

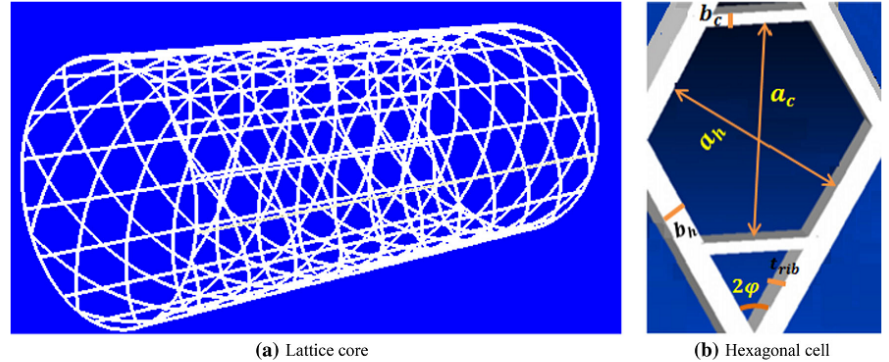


Fig. 2 Configuration and geometric parameters of an anisogrid lattice core

From: Famida Fallah, Ehsan Taati, On the nonlinear bending and post buckling behavior of laminated sandwich cylindrical shells with FG or isogrid lattice cores, *Acta Mechanica*, 230 (6), 2019

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Education:

Ph. D., Mechanical Engineering, Sharif University of Technology

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Research Interests:

Plate and Shell, Stability Analysis, Nonlinear Analysis, Composite and Functionally Graded Materials, Applied mathematics

Selected Publications

E. Taati, F. Fallah, Exact solution for frequency response of sandwich microbeams with functionally graded cores, *Journal of vibration and control*, DOI: 10.1177/1077546319864645, (2019)

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A. Nosier, F. Fallah, Reformulation of Mindlin-Reissner governing equations of functionally graded circular plates. *Acta Mech*, 198, 209-233 (2008).

Book Chapter:

F. Fallah, A. Nosier, Nonlinear bending and post buckling of functionally graded circular plates under asymmetric thermo mechanical loading, *Materials with Complex Behavior II*, Editor: Ochesnor, da Silva, Altenbach by springer, Pages 383-417, 2012.