



Professor Emad Jomehzadeh

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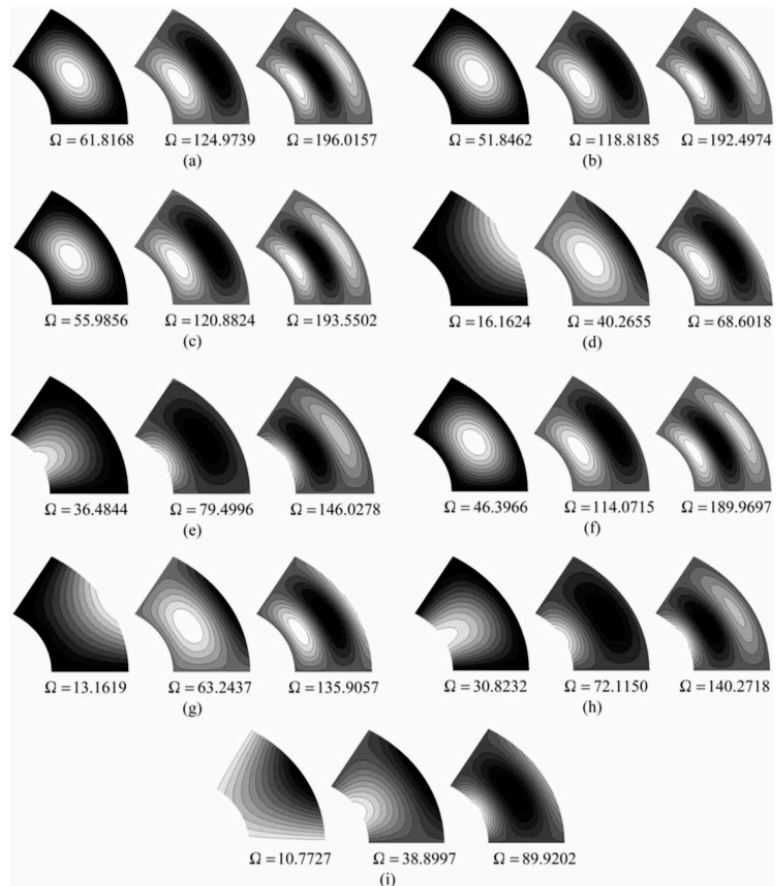
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Selected Publications:

Jomehzadeh, E. and Saidi, A. (2009), "Analytical solution for free vibration of transversely isotropic sector plates using a boundary layer function", *Thin-Wall. Struct.*, 47(1), 82-88.

A.R. Saidi, S.R. Atashipour and E. Jomehzadeh, "Reformulation of Navier equations for solving three-dimensional elasticity problems with applications to thick plate analysis", *Acta Mech*, Vol. 208, pp 227-235, 2009

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First three mode shape contour plots of transversely isotropic annular sector plate ($\alpha = 60^\circ$, $a/b = 0.5$, $h/b = 0.1$): (a) C-C, (b) C-S, (c) S-C, (d) C-F, (e) F-C, (f) S-S, (g) S-F, (h) F-S, and (i) F-F

From: E. Jomehzadeh and A.R. Saidi, "Accurate natural frequencies of transversely isotropic moderately thick annular sector plates", *Proc. IMechE Vol. 223, Part C: J. Mechanical Engineering Science*, pp 301-317, 2009

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A. H. Baferani, A. R. Saidi and E. Jomehzadeh , An exact solution for free vibration of thin functionally graded rectangular plates, Proc. Inst. Mech. Eng. Part C J. Mech. Eng. Sci. **225** (3) (2011) 526–536.

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