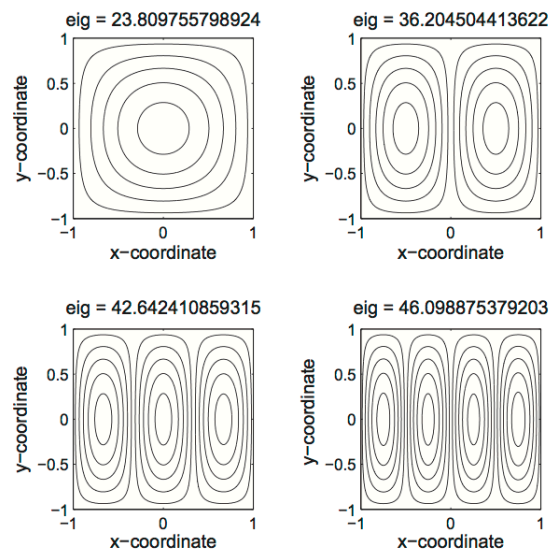




**Professor Jaime Dias Rodrigues**



**Fig. 5.** First four buckling modes: uni-axial buckling load of four-layer  $[0^\circ/90^\circ/90^\circ/0^\circ]$  simply supported laminated plate ( $\bar{N} = \bar{N}_x a^2 / (E_2 h^3)$ ,  $\bar{N}_{xy} = 0$ ,  $\bar{N}_{yy} = 0$ ), grid  $13 \times 13$  points.

From: J.D. Rodrigues, C.M.C. Roque, A.J.M. Ferreira, Erasmo Carrera and Maria Cinefra, “Radial basis functions-finite differences collocation and a unified formulation for bending, vibration and buckling analysis of laminated plates, according to Murakami’s zig-zag theory”, *Composite Structures*, Vol. 93, No. 7, pp 1613-1620, June 2011

See:

- <https://scholar.google.pt/citations?user=57EoAzYAAAAJ&hl=en>
- [https://www.researchgate.net/profile/Jaime\\_Rodrigues4](https://www.researchgate.net/profile/Jaime_Rodrigues4)
- [https://www.researchgate.net/profile/J\\_Rodrigues/publications](https://www.researchgate.net/profile/J_Rodrigues/publications)

Engineering Mathematics  
University of Porto, Portugal

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