



Professor Shapour Moradi

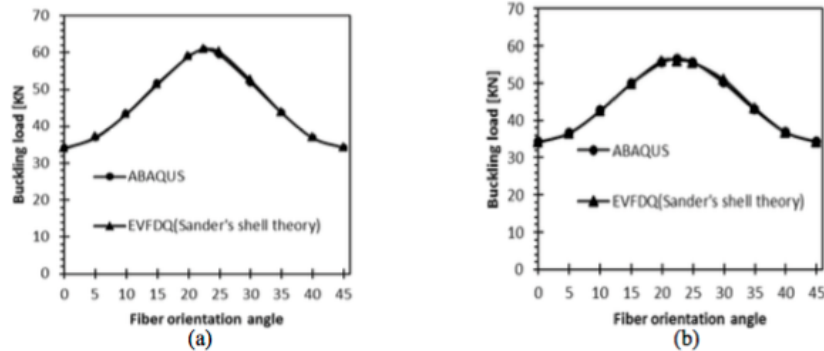


Fig. 4 Total buckling load for different angles of fiber orientations: (a) symmetric lay-ups $(\theta/\theta)_s$, (b) anti-symmetric lay-ups $(\theta/\theta)_{2T}$

From: Saeed Barani, Davood Poorveis and Shapoor Moradi, “Buckling Analysis of Ring-Stiffened Laminated Composite Cylindrical Shells by Fourier-Expansion Based Differential Quadrature Method”, Applied Mechanics and Materials, Vol. 225, pp. 207-212, November 2012

See:

<http://engg.scu.ac.ir/HomePage.aspx?TabID=14710&Site=engg.scu.ac&Lang=en-US>

<https://ir.linkedin.com/in/shapour-moradi-66534654>

<https://scholar.google.com/citations?user=iyU9TA8AAAJ&hl=en>

Mechanical Engineering Department
Shahid Chamran University of Ahvaz, Iran

Education:

1998 Ph.D. Mechanical Engineering, Applied Mechanics, Dalhousie University, Canada
1991 M.Sc Mechanical Engineering, Applied Mechanics, Sharif University of Technology, Iran
1988 B.Sc. Mechanical Engineering, Solid Mechanics, Sharif University of Technology, Iran

Research Interests:

Structural Optimization, Mechanical vibrations, Numerical methods, Structural dynamics, Fracture mechanics, Buckling and postbuckling analysis, Composite materials, Drill string dynamics, Experimental modal analysis.

Selected Publications:

Moradi, S., and Taheri, F., 1997. Application of the differential quadrature method to the analysis of delamination buckling of composite beam-plates. In proceedings of the computer modeling and simulations in engineering, International conference on computational engineering science, May 1997, pp. 1238–1243
Shapour Moradi and Farid Taheri, "Differential Quadrature Approach for Delamination Buckling Analysis of Composites with Shear Deformation", AIAA Journal, Vol. 36, No. 10 (1998), pp. 1869-1873
Moradi S., Taheri F.: Application of differential quadrature method to the delamination buckling of composite plates. Comput. struct. 70(6), 615–623 (1999)
Moradi, S., and Taheri, F., 1999. Delamination buckling analysis of general laminated composite beams by differential quadrature method. Composites: Part B: Engineering 30: 503–511
Farid Taheri and Shapour Moradi, “Application of DQM as an effective simulation tool for buckling response

of delaminated composite plates”, *Composite Structures*, Vol. 51, No. 4, April 2001, pp. 439-449
Saeed Barani, Davood Poorveis and Shapoor Moradi, “Buckling Analysis of Ring-Stiffened Laminated Composite Cylindrical Shells by Fourier-Expansion Based Differential Quadrature Method”, *Applied Mechanics and Materials*, Vol. 225, pp. 207-212, November 2012