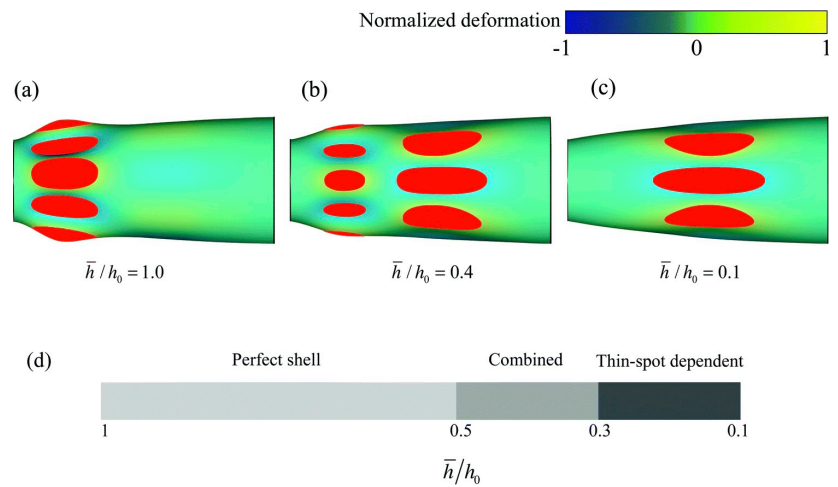




Professor Yahya Modarres-Sadeghi



From: Gary Han Chang and Yahya Modarres-Sadeghi, “Flow-induced buckling of flexible shells with non-zero Gaussian curvatures and thin spots”, *Soft Matter*, Vol. 13, No. 13, pp 2465-2474, 2017

See:

<https://mie.umass.edu/faculty/yahya-modarres-sadeghi>

<http://www.umass.edu/fsi/modarres.html>

<https://scholar.google.com/citations?user=6k4PNf4AAAAJ&hl=en>

https://www.researchgate.net/scientific-contributions/33141350_Yahya_Modarres-Sadeghi

<http://www.umass.edu/fsi/people.htm>

Mechanical and Industrial Engineering
University of Massachusetts Amherst, Massachusetts, USA

Education:

B.S., Sharif University of Technology, Tehran, Iran, 1998

M.S., University of Tehran, Tehran, Iran, 2001

Ph.D., McGill University, Montreal, Canada, 2006

Research Interests:

Fluid-structure interaction, Flow-induced vibrations, Nonlinear Dynamics, Chaos random vibrations, Off-shore wind turbines, Stability of wind turbine blades

Selected Publications:

Gary Han Chang and Yahya Modarres-Sadeghi, “Flow-induced buckling of flexible shells with non-zero Gaussian curvatures and thin spots”, *Soft Matter*, Vol. 13, No. 13, pp 2465-2474, 2017

Pariya Pourazarm, Luca Caracoglia, Matthew Lackner and Yahya Modarres-Sadeghi, “Perturbation methods for the reliability analysis of wind-turbine blade failure due to flutter”, *Journal of Wind Engineering and Industrial Aerodynamics*, Vol. 156, pp 159-171, 2016

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