Professor Rosalin Sahoo

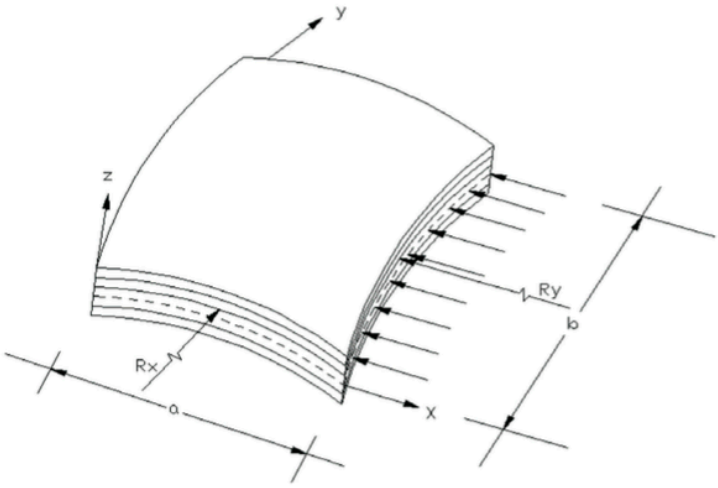

Fig. 1. Doubly curved panel under in-plane harmonic loading

From: Sahu, S. K., Rath, M. K., Datta, P. K., Sahoo, R.,"Parametric Resonance Characteristics of Laminated Composite Curved Shell Panels in Hygrothermal Environment", International Journal of Aeronautical & Space Science, Volume:13 / 332-348 / 2012

See:
https://scholar.google.co.in/citations?user=Vsyuqi0AAAAJ&hl=en
http://www.mnit.ac.in/dept_civil/preprofile.php

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Selected Publications:
Sahoo, R. and Singh, B. N., "Assessment of Inverse Trigonometric Zigzag Theory for Stability Analysis of Laminated Composite and Sandwich Plate," International Journal of Mechanical Sciences, Volume:101 / 145-154 / 2015
Sahoo, R. and Singh, B. N., "Assessment of Zigzag Theories for Free Vibration Analysis of Laminated-Composite and Sandwich Plates", Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, Volume:22 / 1131-49 / 2015
Sahoo, R. and Singh, B.N., "Dynamic Instability of Laminated-Composite and Sandwich Plates Using a New Inverse Trigonometric Zigzag Theory", Journal of Vibration and Acoustics, Volume:137 / 1-12 / 2015

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Sahoo, R. and Singh, B.N., "A New Trigonometric Zigzag Theory for Buckling and Free Vibration Analysis of Laminated Composite and Sandwich Plates", Composite Structures, Volume :17 / 316-332 / 2014
Sahoo, R. and Singh, B.N., "A New Trigonometric Zigzag Theory for the Static Analysis of Laminated Composite and Sandwich Plates", Aerospace Science and Technology, Volume:35 / 15-28 / 2014
Sahoo, R. and Singh, B.N., "A New Inverse Hyperbolic Zigzag Theory for the Static Analysis of Laminated Composite and Sandwich Plates", Composite Structures, Volume:105 / 385-397 / 2013
Sahoo, R. and Singh, B.N., "A New Shear Deformation Theory for the Static Analysis of Laminated Composite and Sandwich Plates", International Journal of Mechanical Sciences, Volume:75 / 324-336 / 2013
Sahu, S. K., Rath, M. K., Datta, P. K., Sahoo, R.,"Parametric Resonance Characteristics of Laminated Composite Curved Shell Panels in Hygrothermal Environment", International Journal of Aeronautical & Space Science, Volume:13 / 332-348 / 2012
S. K. Sahu, M. K. Rath and R. Sahoo, “Parametric Instability of Laminated Composite Doubly Curved Shell Panels Subjected to Hygrothermal Environment”, (publisher and date not given in the pdf file. The most recent citation is dated 2003.)