

Fig. 1. Doubly curved composite shell configuration.



Professor N. V. Swamy Naidu

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Profile:

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Education:

Ph.D from Aerospace Engineering Department, IIT- Kharagpur in September 2005.

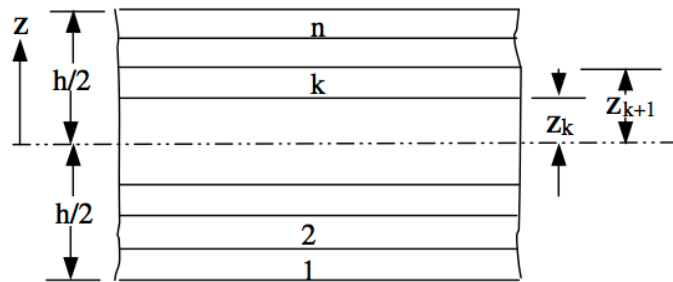


Fig. 2. Laminate configuration.

From: N. V. S. Naidu and P. K. Sinha, "Nonlinear Finite Element Analysis of Laminated Composite Shells in Hygrothermal Environments," Composite Structures, Vol. 69, No. 4, 2005, pp. 387-395

M.E (Machine Design) from Andhra University, Visakhapatnam, A.P. in March 1998.
B.E (Mechanical Engineering) from Andhra University, Visakhapatnam, A.P in 1994.

Work Experience:

- Working as Professor in Aeronautical Engineering Department at GITAM Institute of Technology, Hyderabad from August 2012 to date.
- Worked as Project Manager at Infotech Enterprises Limited, Hyderabad from March 2007 to date
- Worked as Senior Analysis Engineer at CADES Digitech Private Limited, Bangalore from September 2005 to February 2007
- Worked as Junior Project Officer at Aerospace Engineering Dept., Indian Institute of Technology, Kharagpur from September 2002 to August 2005
- Worked as Assistant Professor at College of Engineering, GITAM, Visakhapatnam, A.P. from December 1998 to September 2002
- Worked as Lecturer at Sir C.R.R. College of Engineering, Eluru, A.P. from October 1997 to December 1998
- Worked as Technical Supervisor at Sri Venkateswara Laminations & Pressing (Pvt) Ltd, Hyderabad, A.P., India from October 1994 to November 1995

Selected Publications:

- N.V.S. Naidu and P.K.Sinha, “Nonlinear Finite Element Analysis of Laminated Composite Shells in Hygrothermal Environments”, *Composite Structures*, 69(4): 387-395, 2005.
- N.V. Swamy Naidu and P.K. Sinha, “Nonlinear Transient Analysis of Laminated Composite Shells in Hygrothermal Environments”, *Composite Structures*, 72(3): 280-288, 2006.
- N.V. Swamy Naidu and P.K. Sinha, “Nonlinear Impact Behaviour of Laminated Composite Shells in Hygrothermal Environments”, *International Journal of Crashworthiness*, 10(4), 389-402, 2005.
- N. V. Swamy Naidu and P.K. Sinha, “Nonlinear Free Vibration Analysis of Laminated Composite Shells in Hygrothermal Environments”, *Composite Structures*, 77(4), 475-483, 2007.
- N.V. Swamy Naidu and B. Sateesh, “Improved bilinear degenerated shell element”, *International Journal of Computational Methods*, World Scientific Publishing Company (In press).