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Selected Publications:

Heydarpour, Y., Malekzadeh, P., Golbahar Haghighi, M.R., Vaghefi, M.: Thermoelastic analysis of rotating laminated functionally graded cylindrical shells using layerwise differential quadrature method. *Acta Mech.* (2011)

Y. Heydarpour, P. Malekzadeh, M.R. Golbahar Haghighi and M. Vaghefi, “Thermoelastic analysis of rotating laminated functionally graded cylindrical shells using layerwise differential quadrature method”, *Acta Mechanica*, Vol. 223, No. 1, pp 81-93, January 2012

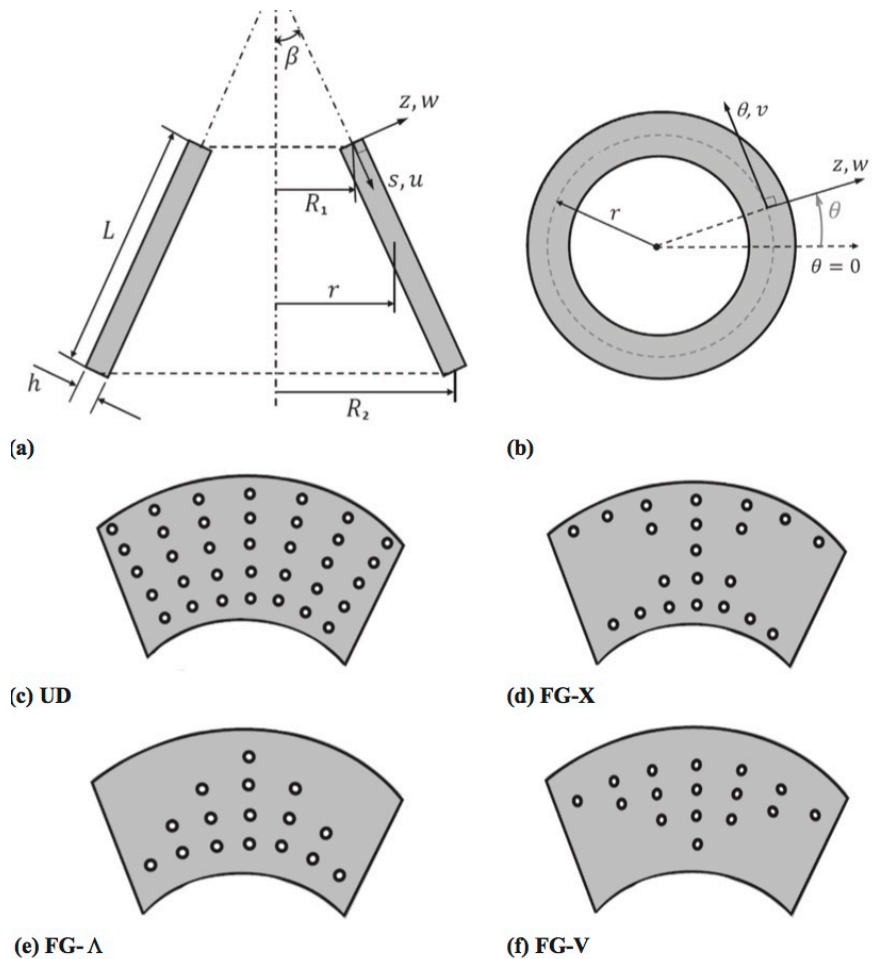


Fig. 1. The geometry of the rotating CNTRC truncated conical shell.

From: Heydarpour, Y., Aghdam, M.M., Malekzadeh, P.: Free vibration analysis of rotating functionally graded carbon nanotube-reinforced composite truncated conical shells. *Compos. Struct.* **117**, 187–200 (2014)

- P. Malekzadeh, Y. Heydarpour, M.R. Golbahar Haghighi, M. Vaghefi, "Transient response of rotating laminated functionally graded cylindrical shells in thermal environment", *Int. J. Press. Vess. Pip.*, 98 (2012), pp. 43-56
- P. Malekzadeh, S.R. Mohebpour and Y. Heydarpour, "Nonlocal effect on the free vibration of short nanotubes embedded in an elastic medium", *Acta Mechanica*, Vol. 223, No. 6, pp 1341-1350, June 2012
- Malekzadeh P., Heydarpour Y., Free vibration analysis of rotating functionally graded cylindrical shells in thermal environment, *Composite Structures* 94: 2971-2981, 2012
- Malekzadeh, P. and Heydarpour, Y, Free vibration analysis of rotating functionally graded truncated conical shells. *Composite Structures*, 97, 176–188 (2013)
- Heydarpour, Y., Aghdam, M.M., Malekzadeh, P.: Free vibration analysis of rotating functionally graded carbon nanotube-reinforced composite truncated conical shells. *Compos. Struct.* 117, 187–200 (2014)
- P. Malekzadeh, Y. Heydarpour, Mixed Navier-layerwise differential quadrature three-dimensional static and free vibration analysis of functionally graded carbon nanotube reinforced composite laminated plates, *Meccanica*, 50 (2015), pp. 143–167
- Y. Heydarpour and M.M. Aghdam, "A novel hybrid Bezier based multi-step and differential quadrature method for analysis of rotating FG conical shells under thermal shock", *Composites Part B: Engineering*, Vol. 97, pp 120-140, July 2016
- Y. Heydarpour and M.M. Aghdam, "Transient analysis of rotating functionally graded truncated conical shells based on the Lord-Shulman model", *Thin-Walled Structures*, Vol. 104, pp 168-184, July 2016