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Selected Publications:

- Shariati M., Fereidoon A and Akbarpour A., Buckling of Steel Cylindrical Shells with an Elliptical Cutout, International Journal of Steel Structures, 10(2), 193-205 (2010)
- M. Rajabpour, H. Hemmatian, and A. Fereidoon, Nanotechnology: Fundamentals and applications, Proceedings of the 2nd International Nanotechnology Conference, pp. 1–6, Ottawa, Ontario, Canada, July 27–29, 2011.
- Yaghoobi, H., Fereidoon, A., Eslami, M.R.: Thermal buckling of axially functionally graded cylindrical shells. J. Thermal Stress. 34(12), 1250–1270 (2011)
- Fereidoon, A., Asghardokht Seyedmahalle, M. and Mohyeddin, A. (2011), "Bending analysis of thin functionally graded plates using generalized differential quadrature method", Arch. Appl. Mech., 81(11), 1523-1539.
- Mahmoud Shariati, Abdolhosein Fereidoon and Amin Akbarpour, "Investigation on Buckling Behavior of

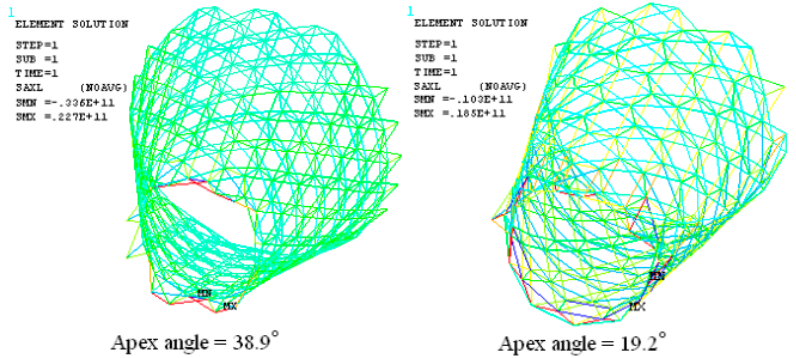


Figure 5. Generated axial stress in two SWCNCs

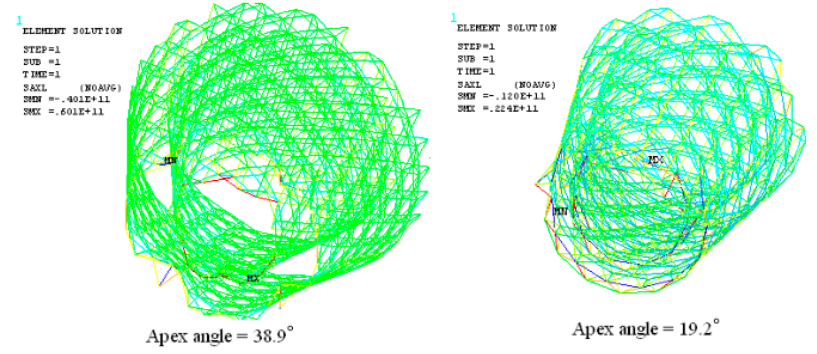


Figure 6. Generated axial stress in two DWCNCs

From: M. Mohammadian and A. Fereidoon, "Young's modulus of single and double walled carbon nanocones using finite element method", International Journal of Engineering, Vol. 27, No. 9, pp 1467-1474, September 2014

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M. Mohammadian and A. Fereidoon, “Young’s modulus of single and double walled carbon nanocones using finite element method”, *International Journal of Engineering*, Vol. 27, No. 9, pp 1467-1474, September 2014

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Arani, A.G., Fereidoon, A., Kolahchi, R.: Nonlinear surface and nonlocal piezoelectricity theories for vibration of embedded single-layer boron nitride sheet using harmonic differential quadrature and differential cubature methods. *J. Intell. Mater. Syst. Struct.* 26, 1150–1163 (2015)