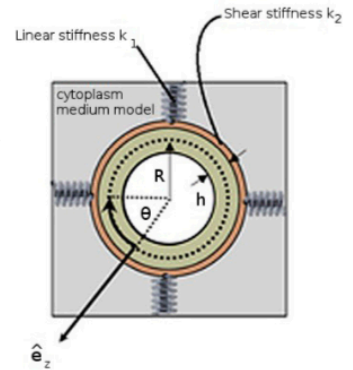
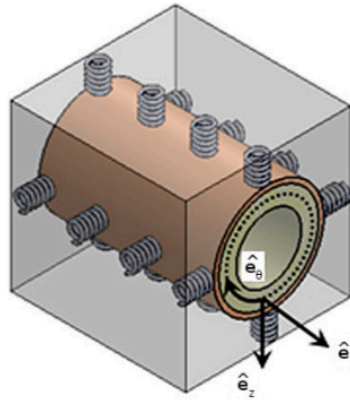




**Professor Fahimeh Mehralian**



The images on the right are from: Yaghoub Tadi Beni, Mehran Karimi Zeverdejani and Fahimeh Mehralian, “Using a new size dependent orthotropic elastic shell model for the investigation of free vibration of protein microtubules”, *International Journal of Acoustics and Vibration*, Vol. 24, No. 1, pp 85-91, 2019

See:

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### Selected Publications:

- Yaghoub Tadi Beni, Fahimeh Mehralian and Hamed Razavi, “Free vibration analysis of size-dependent shear deformable functionally graded cylindrical shell on the basis of modified couple stress theory”, *Composite Structures*, Vol. 120, pp 65-78, February 2015
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- Fahimeh Mehralian, Yaghoub Tadi Beni and Reza Ansari, “Size dependent buckling analysis of functionally graded piezoelectric cylindrical nanoshell”, *Composite Structures*, Vol. 152, pp 45-61, September 2016
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- Fahimeh Mehralian, Yaghoub Tadi Beni and Reza Ansari, “On the size-dependent buckling of anisotropic piezoelectric cylindrical shells under combined axial compression and lateral pressure”, *International Journal of Mechanical Sciences*, Vol. 119, pp 155-169, December 2016
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- Omidian, R., Tadi Beni, Y., Mehralian, F.: Analysis of size-dependent smart flexoelectric nanobeams. *Eur. Phys. J. Plus.* 132(481), 1–19 (2017)

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Y. T. Beni, F. Mehralian and M. K. Zeverdejani, Free vibration of anisotropic single-walled carbon nanotube based on couple stress theory for different chirality, *J. Low Freq. Noise Vib. Active Control* 36 (2017) 277–293.

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