

Figure 3: A uniformly loaded thin ring. FIG. 1. An idakkā being played. (color online)

Professor Anindya Chatterjee

Middle image is from: Pradeep Mahadevan and Anindya Chatterjee, “Some classical buckling problems revisited from a continuum approach”, 13th National Conference on Mechanisms and Machines (NaCoMM07), IISc, Bangalore, India, December 12-13, 2007

Right-hand image is from: K. Jose, A. Chatterjee, and A. Gupta. Acoustics of Idakka: An Indian snare drum with definite pitch. Journal of the Acoustical Society of America, 2018, vol. 143(5), 3184-3194.

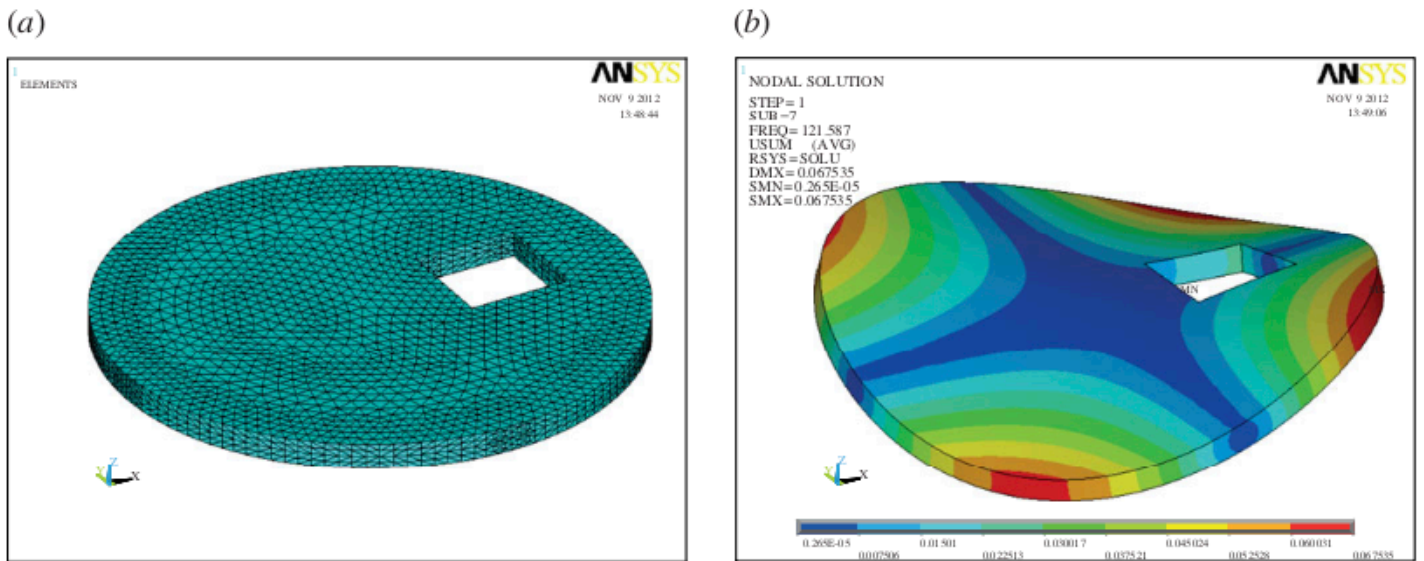


Figure 1. (a) FE model of an arbitrarily chosen object. (b) Its first vibration mode. (Online version in colour.)

From: P. Jana and A. Chatterjee. Modal damping in vibrating objects via dissipation from dispersed frictional microcracks. Proceedings of the Royal Society of London A, vol. 469(2152), 2013, Article number 20120685.

See:

<http://home.iitk.ac.in/~anindya/index.htm>

https://www.researchgate.net/profile/Anindya_Chatterjee2

<https://scholar.google.co.in/citations?user=MJ5tZLsAAAAJ&hl=en>

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Autobiography:

I am a mechanical engineer with an undergraduate degree from IIT Kharagpur, masters degrees in applied mechanics and applied mathematics from the University of Florida, a PhD from Cornell University, and postdoc work at Penn State University. I spent a year, just out of college, working for Telco (now Tata Motors) in Jamshedpur. I joined the Indian Institute of Science in 2000, moved to IIT Kharagpur in 2009, and to IIT Kanpur in 2012. I have guided eight PhD students to completion and authored or coauthored several journal publications on various topics. I have also worked on some consulting projects that I found interesting. I have taught courses in dynamics, control, nonlinear oscillations, and undergraduate statics and strength of materials.

Selected Publications:

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