

1. "Some Basic Problems of the Mathematical Theory of Elasticity" by N.I. Muskhelishvili
2. "A Treatise on the Mathematical Theory of Elasticity" by A. E.H. Love
3. "Advanced Engineering Mathematics" by Erwin Kreyszig
4. "Contact Mechanics" by K. L. Johnson
5. "Surface energy and the contact of elastic solids" K. L. Johnson, K. Kendall, A. D. Roberts, *Proc. R. Soc. London, Ser. A* 1971, 324, 301-313.
6. "Adhesive contact of cylindrical lens and a flat sheet" by M. K. Chaudhury, T. Weaver, C. Y. Hui and E. J. Kramer, *J. Appl. Phys.* 1996, 80 (1), 30-37.
A. N. Gent, "Compression of Rubber Blocks", *Rubber Chemistry and Technology*, 67, 549-558.
7. "Theory of Elasticity, 3rd edition" by Landau and Lifshitz. Course of Theoretical Physics, vol-7
8. "The use of soap films in solving torsion problems" by G. I. Taylor and A. A. Griffith, *Proceedings of the institute of Mechanical Engineers* (1917), pp. 755-789.
9. Geometry and Physics of Wrinkling, E. Cerda and L. Mahadevan, *Physical Review Letters*, Vol. 90(7), 074302-1 -- 074302-4 (2003).
10. A. Ghatak, L. Mahadevan and M. K. Chaudhury, Measuring the Work of Adhesion between a Soft Confined Film and a Flexible Plate, *Langmuir* 2005, 21, 1277-1281
11. Elasticity of an interfacial particle raft, D. Vella, P. Aussillous and L. Mahadevan, *Europhysics Letters*, Vol. 68(2), pp. 212–218 (2004).
12. "Large Elastic Deformations of Isotropic Materials. I. Fundamental Concepts" by R. S. Rivlin, *Phil. Trans. Roy. Soc. London*, 1948, 240, 459-490.
13. "Large Elastic Deformations of Isotropic Materials. III. Some Uniqueness Theorems for Pure, Homogeneous Deformation" by R. S. Rivlin, *Phil. Trans. Roy. Soc. London*, 1948, 240, 491-508.
14. Solenoids and plectonemes in stretched and twisted elastomeric filament, A. Ghatak and L. Mahadevan, *Phys. Rev. Lett.*, Vol. 95, pp. 057801 (2005).
15. Topics in finite elasticity: Hyperelasticity of rubber, elastomers, and biological tissues – with examples, M. F Beatty, *App. Mech. Rev.* Vol. 40(12), pp. 1699-1734 (1987).
16. "Mechanics of Incremental Deformations" by M. A. Biot
17. Ghatak, A. and Das, A. L., Kinking Instability of a Highly Deformable Elastic Cylinder. *Physical Review Letters*, 2007, Vol. 99, pp. 076101-1-076101-4.

18. “Surface Wrinkling: A Versatile Platform for Measuring Thin-Film Properties” by *Jun Young Chung* , *Adam J. Nolte* , and *Christopher M. Stafford*. *Adv. Mater.* 2010, *XX*, 1–20.
19. Flexural rigidity of microtubules ... fluctuation in shape”, Gittes, F. G., et al, *The Journal of Cell Biology*, volume 120, number 4, 1993, 923-934.
20. “Mechanics of the Cell” by David Boal, Cambridge University Press, 2002, Cambridge, UK.