

Continuum Mechanics and Differential Geometry Projects

Resources for projects on continuum mechanics and
differential geometry

View Online



Antman, S. S. & SpringerLink (Online service). (2005). Nonlinear problems of elasticity: Vol. v. 107 (2nd ed). Springer.

<https://ezproxy.lib.gla.ac.uk/login?url=https://dx.doi.org/10.1007/0-387-27649-1>

Bosi, F., Misseroni, D., Dal Corso, F., & Bigoni, D. (2015). Self-encapsulation, or the 'dripping' of an elastic rod. *Proceedings of the Royal Society A: Mathematical, Physical and Engineering Science*, 471(2179). <https://doi.org/10.1098/rspa.2015.0195>

Giusteri, G. G., Lussardi, L., & Fried, E. (2017). Solution of the Kirchhoff–Plateau Problem. *Journal of Nonlinear Science*, 27(3), 1043–1063.

<https://doi.org/10.1007/s00332-017-9359-4>

Schönke, J., & Fried, E. (2017a). Stability of vertical magnetic chains. *Proceedings of the Royal Society A: Mathematical, Physical and Engineering Science*, 473(2198).

<https://doi.org/10.1098/rspa.2016.0703>

Schönke, J., & Fried, E. (2017b). Stability of vertical magnetic chains. *Proceedings of the Royal Society A: Mathematical, Physical and Engineering Science*, 473(2198).

<https://doi.org/10.1098/rspa.2016.0703>

Yong, D. (2006). Strings, Chains, and Ropes. *SIAM Review*, 48(4), 771–781.

<https://doi.org/10.1137/050641910>