

Continuum Mechanics and Differential Geometry Projects

Resources for projects on continuum mechanics and
differential geometry

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Antman, S. S. and SpringerLink (Online service). 2005. *Nonlinear Problems of Elasticity*. Vol. v. 107. 2nd ed. New York: Springer.

Bosi, F., D. Misseroni, F. Dal Corso, and D. Bigoni. 2015. 'Self-Encapsulation, or the "Dripping" of an Elastic Rod'. *Proceedings of the Royal Society A: Mathematical, Physical and Engineering Science* 471(2179). doi: 10.1098/rspa.2015.0195.

Giusteri, Giulio G., Luca Lussardi, and Eliot Fried. 2017. 'Solution of the Kirchhoff-Plateau Problem'. *Journal of Nonlinear Science* 27(3):1043-63. doi: 10.1007/s00332-017-9359-4.

Schönke, Johannes, and Eliot Fried. 2017a. 'Stability of Vertical Magnetic Chains'. *Proceedings of the Royal Society A: Mathematical, Physical and Engineering Science* 473(2198). doi: 10.1098/rspa.2016.0703.

Schönke, Johannes, and Eliot Fried. 2017b. 'Stability of Vertical Magnetic Chains'. *Proceedings of the Royal Society A: Mathematical, Physical and Engineering Science* 473(2198). doi: 10.1098/rspa.2016.0703.

Yong, Darryl. 2006. 'Strings, Chains, and Ropes'. *SIAM Review* 48(4):771-81. doi: 10.1137/050641910.