

Continuum Mechanics and Differential Geometry Projects

Resources for projects on continuum mechanics and differential geometry

View Online



[1]

S. S. Antman and SpringerLink (Online service), Nonlinear problems of elasticity, 2nd ed., vol. v. 107. New York: Springer, 2005. [Electronic resource]. Available: <https://login.uofglasgow.idm.oclc.org/login?url=https://dx.doi.org/10.1007/0-387-27649-1>

[2]

G. G. Giusteri, L. Lussardi, and E. Fried, 'Solution of the Kirchhoff–Plateau Problem', Journal of Nonlinear Science, vol. 27, no. 3, pp. 1043–1063, Jun. 2017, doi: 10.1007/s00332-017-9359-4.

[3]

F. Bosi, D. Misseroni, F. Dal Corso, and D. Bigoni, 'Self-encapsulation, or the "dripping" of an elastic rod', Proceedings of the Royal Society A: Mathematical, Physical and Engineering Science, vol. 471, no. 2179, Jul. 2015, doi: 10.1098/rspa.2015.0195.

[4]

J. Schönke and E. Fried, 'Stability of vertical magnetic chains', Proceedings of the Royal Society A: Mathematical, Physical and Engineering Science, vol. 473, no. 2198, Feb. 2017, doi: 10.1098/rspa.2016.0703.

[5]

D. Yong, 'Strings, Chains, and Ropes', SIAM Review, vol. 48, no. 4, pp. 771–781, Jan. 2006, doi: 10.1137/050641910.

[6]

J. Schönke and E. Fried, 'Stability of vertical magnetic chains', Proceedings of the Royal Society A: Mathematical, Physical and Engineering Science, vol. 473, no. 2198, Feb. 2017, doi: 10.1098/rspa.2016.0703.