

## DAFTAR PUSTAKA

Ahmed, A. dan Zhou, H. (2014) “Synthesis of Nonlinear Spiral Torsion Springs,” *International Journal of Engineering Research*, 3(6), hal. 6.

David, U. (2010) *The mechanical design process*. 4th ed, *Fourth Edition: Opto-Mechanical Systems Design: Design and Analysis of Opto-Mechanical Assemblies*. 4th ed. New York, America: The McGraww-Hill Companies, inc. Tersedia pada: <https://doi.org/10.1201/b18147>.

Graham Kelly, S. (2011) *Mechanical Vibration Theory and Applications*. 001 ed. Cengage Learning.

Knox, B.T. dan Schmiedeler, J.P. (2009) “A unidirectional series-elastic actuator design using a spiral torsion spring,” *Journal of Mechanical Design, Transactions of the ASME*, 131(12), hal. 1250011–1250015. Tersedia pada: <https://doi.org/10.1115/1.4000252>.

Liu, J. *et al.* (2022) “Stiffness estimation of planar spiral spring based on Gaussian process regression,” *Scientific Reports*, 12(1), hal. 1–16. Tersedia pada: <https://doi.org/10.1038/s41598-022-15421-1>.

Mulhayatiah, D. *et al.* (2018) “Moment of inertia: Development of rotational dynamics KIT for physics students,” *IOP Conference Series: Materials Science and Engineering*, 434(1), hal. 0–8. Tersedia pada: <https://doi.org/10.1088/1757-899X/434/1/012014>.

Muñoz-Guijosa, J.M. *et al.* (2012) “Generalized spiral torsion spring model,” *Mechanism and Machine Theory*, 51, hal. 110–130. Tersedia pada: <https://doi.org/10.1016/j.mechmachtheory.2011.12.007>.

Rao, S.S. (2018) *Mechanical Vibrations*. sixth. Pearson Education, Inc.

Rossi, F., Castellani, B. dan Nicolini, A. (2015) “Benefits and challenges of mechanical spring systems for energy storage applications,” *Energy Procedia*, 82,

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RANCANG BANGUN ALAT UJI GETARAN UNTUK MENENTUKAN KONSTANTA PEGAS DAN KONSTANTA PEREDAMAN PADA SISTEM MASSA PEGAS TORSI SPIRAL MENGGUNAKAN METODE DINAMIS

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hal. 805–810. Tersedia pada: <https://doi.org/10.1016/j.egypro.2015.11.816>.

Sasaya, T. (2017) *Theory of Horology*. 1st ed. Greenwich Meridian.

Wahl, A.M. (1944) *Mechanical Springs - Machine design series*. First. Cleveland, Ohio: Penton Publishing Company.

Yang, Y., Jeon, E.S. dan Park, D.H. (2018) “Optimization of Design Parameters of Spiral Spring for Active Headrest Deployment,” *MATEC Web of Conferences*, 167, hal. 0–7. Tersedia pada: <https://doi.org/10.1051/mateconf/201816702017>.