

DAFTAR PUSTAKA

- Aldeeb, T. and Abduelmula, M., 2018. Fatigue strength of S275 Mild Steel under cyclic loading. *World Acad Sci Eng Technol Int J Mater Metall Eng*, 12(10), pp. 564–570.
- Arifin, F.N., 2022. OPTIMASI TOPOLOGI PADA DESAIN BUCKET HYDRAULIC EXCAVATOR KAPASITAS 0,9 m³ DENGAN PENDEKATAN SIMULASI. Universitas Pembangunan Nasional Veteran Jakarta.
- Darmanto, D. dan Alfiansyah, F.A., 2019. Prediksi Kegagalan Statis Pipa Saluran Uap (Vapor Line) Akibat Tekanan Kerja. *Journal of Tropical Agricultural Engineering and Biosystems-Jurnal Keteknikan Pertanian Tropis dan Biosistem*, 7(3), pp.291-298.
- Hasan, M., Santosa, I., Wibowo, A., Farid, A. dan Wibowo, H., 2023. Topologi Optimalisasi Dan Analisa Perancangan Lifting Hook. *Mestro: Jurnal Teknik Mesin dan Elektro*, 4(03), pp.24-27.
- Huri, D. and Mankovits, T., 2022. Surrogate model-based parameter tuning of simulated annealing algorithm for the shape optimization of automotive rubber bumpers. *Applied Sciences*, 12(11), p.5451.
- Kalista, B. M., 2018. Studi Numerik Mechanical Coupler Head Light Rail Transit (LRT) Menggunakan Metode Elemen Hingga. Institut Teknologi Sepuluh Nopember.
- Khurmi, R. S. and Gupta, J.K., 2005. A textbook of machine design. S. Chand publishing.
- Mahanthesh, M.R., Girisha, L., Shreyas Babu, C. and Shivananda, D.C., 2020. Modelling and Simulation of Below-the-Hook Lifting Device Balanced C-hook for Load to Investigate the Static and Model Analysis for Various Grades of Steels by Numerical Method. *Journal of Modeling and Simulation of Materials*, 3(1), pp.61-69.
- Manee-ngam, A., Saisirirat, P. and Suwankan, P., 2017. Hook design loading by the optimization method with weighted factors rating method. *Energy Procedia*, 138, pp.337-342.

- Marjanovic, N., Isailovic, B., Stojanovic, B. and Djordjevic, Z., 2011. Integration of topology and shape optimization into the process of the design of mechanical structures elements.
- Mott, R. L., Vavrek, E. M., & Wang, J. (2017). Machine Elements in Mechanical Design (6th ed.). Pearson.
- Pavlovic, G., Savković, M., Zdravković, N.B., Marković, G.D. and Todorović, M., 2023. ANALYSIS AND METAHEURISTIC OPTIMIZATION OF RAMSHORN HOOK WITH DIFFERENT CROSS-SECTIONS.
- Prasojo, A.B., 2016. Analisa Beban Kerja Dan Gaya Dinamis Round Roller Dan Sliding Roller Untuk Sistem Cvt (Continuously Variable Transmission) Sepeda Motor Matic.
- Rao, S.S., 2019. Engineering optimization: theory and practice. John Wiley & Sons.
- Saputra, I.N.A.A., Dantes, K.R. and Nugraha, I.N.P., 2018. Analisis Tegangan Statik pada Rancangan Frame Mobil Listrik Ganesha Sakti (GASKI) Menggunakan Software SolidWorks 2014. *Jurusan Pendidikan Teknik Mesin Universitas Pendidikan Ganesha*.
- Setyoadi, Y. and Pandu Annanto, G., 2018. Optimasi Desain Rangka Sepeda Gunung Menggunakan Metode Elemen Hingga, *ROTASI*, 20(3), pp. 172– 177.
- Şimon-Marinică, A.B., Vlasin, N.I., Manea, F. and Florea, G.D., 2021. Finite element method to solve engineering problems using ansys. In *MATEC Web of Conferences* (Vol. 342, p. 01015). EDP Sciences.
- Sonmez, F.O., 2009. Optimal shape design of shoulder fillets for flat and round bars under various loadings. *Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science*, 223(8), pp.1741–1754.
- Sutisna, N.A. and Azhar, Z., 2021. Analisis terhadap desain komponen boom pada mini excavator Excava 50 menggunakan metode elemen hingga, *Jurnal Teknik Mesin Indonesia*.
- Talbi, E.G., 2009. Metaheuristics: from design to implementation. John Wiley & Sons.

- Wunda, S., Johannes, A.Z., Pingak, R.K. dan Ahab, A.S., 2019. Analisis tegangan, regangan dan deformasi crane hook dari material baja AISI 1045 dan baja ST 37 menggunakan software elmer. J. Fis. Fis. Sains dan Apl, 4(2), pp.131-137.
- Yang, S., Wang, H., Xu, Y., Guo, Y., Pan, L., Zhang, J., Guo, X., Meng, D. and Wang, J., 2023. A coupled simulated annealing and particle swarm optimization reliability-based design optimization strategy under hybrid uncertainties. Mathematics, 11(23), p.4790