

DAFTAR PUSTAKA

- Alwosheel, A., van Cranenburgh, S., dan Chorus, C. G., 2018. Is your dataset big enough? Sample size requirements when using artificial neural networks for discrete choice analysis. *Journal of Choice Modelling*, 28, 167–182. <https://doi.org/10.1016/j.jocm.2018.07.002>
- Andayani, R., dan Pathopang, R. M., 2011. Optimasi geometri pada jembatan rangka baja 60 m tipe warren. *Jurnal Ilmiah Desain dan Konstruksi*, Vol. 10, No 1.
- Artar, M., dan Carbas, S., 2021. Discrete sizing design of steel truss bridges through teaching-learning-based and biogeography-based optimization algorithms involving dynamic constraints. *Structures*, 34. <https://doi.org/10.1016/j.istruc.2021.09.101>
- Atika, E., dan Suharyatma, 2018. Analisis variasi tinggi rangka batang pada jembatan rangka baja tipe pratt (analysis for the height variation of pratt truss bridge). Universitas Islam Indonesia.
- Badan Standarisasi Nasional, 2005. RSNI T-03-2005 Perencanaan struktur baja untuk jembatan.
- Badan Standarisasi Nasional, 2016. SNI 1725:2016 Pembebanan untuk jembatan.
- Badan Standarisasi Nasional, 2020. SNI 1729:2020 Spesifikasi untuk bangunan gedung baja struktural.
- Cheng, J., 2010. Optimum design of steel truss arch bridges using a hybrid genetic algorithm. *Journal of Constructional Steel Research*, 66(8–9), 1011–1017. <https://doi.org/10.1016/j.jcsr.2010.03.007>
- Direktorat Jenderal Bina Marga., 2005. Pedoman No. 07/BM/2005 Gambar standar rangka baja bangunan atas jembatan kelas A dan B.
- Farisal, A., 2013. Optimasi penampang jembatan rangka baja tipe warren truss ditinjau dari variasi tinggi rangka. Repository Universitas Jember.
- Firdausa, F., Aminullah, A., dan Triwiyono, A., 2015. Optimasi dimensi profil batang bangunan atas jembatan rangka baja tipe warren tertutup dengan metode artificial neural network. Repository Universitas Gadjah Mada.
- Hasançebi, O., 2007. Optimization of truss bridges within a specified design domain using evolution strategies. In *Engineering Optimization* (Vol. 39, Issue 6). <https://doi.org/10.1080/03052150701335071>
- Hasançebi, O., dan Dogan, E., 2010. Optimizing single-span steel truss bridges with simulated annealing. *Asian Journal of Civil Engineering*, 11(6), 763–775.
- Kashani, A. R., Camp, C. V., Rostamian, M., Azizi, K., dan Gandomi, A. H., 2022. Population-based optimization in structural engineering: a review. In *Artificial Intelligence Review* (Vol. 55, Issue 1). Springer Netherlands. <https://doi.org/10.1007/s10462-021-10036-w>

- Kazemzadeh Azad, S., Bybordiani, M., Kazemzadeh Azad, S., dan Jawad, F. K. J., 2018. Simultaneous size and geometry optimization of steel trusses under dynamic excitations. *Structural and Multidisciplinary Optimization*, 58(6), 2545–2563. <https://doi.org/10.1007/s00158-018-2039-7>
- Lange, N., Bishop, C. M., dan Ripley, B. D., 1997. Neural networks for pattern recognition. *Journal of the American Statistical Association*, 92(440). <https://doi.org/10.2307/2965437>
- Maraveas, C., Papagiannakis, A., Miamis, K., dan Tasiouli, K., 2014. Optimal design of through-truss steel bridges. *High Performance and Optimum Design of Structures and Materials*, 137, 465–476. <https://doi.org/10.2495/HPSM140431>
- Mei, L., dan Wang, Q., 2021. Structural optimization in civil engineering: A literature review. *Buildings*, 11(2), 1–28. <https://doi.org/10.3390/buildings11020066>
- Naftali, Y. 1999., Reinforced concrete optimization on space frame. Universitas Atma Jaya 10.13140/RG.2.2.25833.19041.
- Navalgund, B., dan Bhavikatti, S. S., 2019. Optimum design of fan, queen and pratt trusses. *International Research Journal of Engineering and Technology*, 06(07), 3751–3759. www.irjet.net
- Raj, R. P., dan Kalyanaraman, V., 2005. GA based optimal design of steel truss bridge. 6th World Congresses of Structural and Multidisciplinary Optimization.
- Rajawali Sakti Utama, RSU., 2022. Laporan desain jembatan rangka baja permanen kelas A bentang 40 m, 50 m dan 60 m.
- Satheesh Kumar Reddy, P., dan Nagaraju, C., 2019. Structural optimization of different truss members using finite element analysis for minimum weight. *International Journal of Mechanical and Production Engineering Research and Development*, 9(4). <https://doi.org/10.24247/ijmperdaug201911>
- Sutcliffe, W., 2016. Design of a Truss Bridge for Low Cost using Structural Topology Optimisation. University of Southern Queensland.
- Walczak, Steven., dan Cerpa, Narciso., 2003. Artificial neural networks. *Encyclopedia of Physical Science and Technology (Third Edition)*, 631–645. https://doi.org/10.1007/978-3-031-17922-8_7
- Wijaya Karya, WIKA., 2020. Standar jembatan rangka baja permanen kelas A bentang 40 m, 50 m dan 60 m. Wijaya Karya.
- Zaheer, Q., Yonggang, T., dan Qamar, F., 2022. Literature review of bridge structure's optimization and it's development over time. *International Journal for Simulation and Multidisciplinary Design Optimization*, 13. <https://doi.org/10.1051/smdo/2021039>