

DAFTAR PUSTAKA

- Abdelmegid, M. A., Shawki, K. M., & Abdel-Khalek, H. (2015). GA optimization model for solving tower crane location problem in construction site s. *Alexandria Engineering Journal*, 54(3), 519–526. <https://doi.org/10.1016/j.aej.2015.05.011>
- Ahmad Kholil, S. M. (2012). *Alat Berat*. 1(1), 1–141.
- Anggreini, C. D. (2023). Optimasi Penggunaan Alat Berat Pada Pembangunan Gereja Bethany Yestoya Kota Malang. *Jurnal Teknik Sipil ITN Malang*, 5(1).
- Budynas, R. G., & Sadegh, A. M. (2020). Roark's Formulas for Stress and Strain. In *Sustainability (Switzerland)* (Vol. 11, Issue 1).
- De Jong, K. A. (1975). *Analysis of the behavior of a class of genetic adaptive systems*. Michigan.
- De Jong, K. A. (2006). *Evolutionary Computation: A Unified Approach*. MIT Press, Massachusetts.
- Fatwa, M., Rizki, R., Sriwinarty, P., & Supriyadi, E. (2022). Pengaplikasian Matlab pada Perhitungan Matriks. *Papanda Journal of Mathematics and Science Research*, 1(2), 81–93. <https://doi.org/10.56916/pjmsr.v1i2.260>
- Hyun, H., Park, M., Lee, D., & Lee, J. (2021). Tower crane location optimization for heavy unit lifting in high-rise modular construction. *Buildings*, 11(3), 1–13. <https://doi.org/10.3390/buildings11030121>
- Kementrian Pekerjaan Umum dan Perumahan Rakyat. (2022). Peraturan Menteri PUPR no 1 tahun 2022 Tentang Pedoman Penyusunan Perkiraan Biaya Pekerjaan Konstruksi Bidang Pekerjaan Umum dan Perumahan Rakyat. *Menteri Pekerjaan Umum Dan Perumahan Rakyat Republik Indonesia Nomor 1 Tahun 2022*, 95–140.
- Lawrence K. Shapiro, p. e., & Jay P. Shapiro, P. e. (2011). *Cranes and Derricks*.
- Mitchell, M. (1996). An Introduction to Genetic Algorithms for Electromagnetics. *IEEE Antennas and Propagation Magazine*, 37(2), 7–15. <https://doi.org/10.1109/74.382334>
- Muliawan, H., & Nursin, A. (2022). Optimasi Penempatan Tower Crane terhadap Waktu Siklus pada Proyek X. *Jurnal Teknik Sipil*, 08(01), 22–31. <https://doi.org/10.26760/rekaracana>
- Riga, K., Jahr, K., Thielen, C., & Borrmann, A. (2020). Mixed integer programming for dynamic tower crane and storage area optimization on construction sites. *Automation in Construction*, 120(March), 103259. <https://doi.org/10.1016/j.autcon.2020.103259>
- Rostiyanti, S. F. (2008). Alat Berat Untuk Proyek Konstruksi, Edisi Kedua. In *PT. Rineka Cipta*.

- Santosa, F. A. (2024). *PROYEK APARTEMEN BELLA TOWER 3 SURABAYA PROYEK*.
- Sapta., I. M. W., Arya, I. W., & Wiraga, I. W. (2024). *Jurnal Talenta Sipil*. 6(2), 328–335. <https://doi.org/10.33087/talentasipil.v8i1.865>
- Sarker, R. A., & Charles S. Newton. (2008). *Optimization Modelling A Practical Approach*. CRC Press. (Vol. 4, Issue 1).
- Scrucca, L. (2013). GA: A package for genetic algorithms in R. *Journal of Statistical Software*, 53(4), 1–37. <https://doi.org/10.18637/jss.v053.i04>
- Shahabi, S., Hassan, Z. M., Mahdavi, M., Dezfouli, M., Rahvar, M. T., Naseri, M., & Jazani, N. H. (2008). *Ar ch ive Ar ch ive*. 11(1), 51–59.
- Shopova, E. G., & Vaklieva-Bancheva, N. G. (2006). BASIC-A genetic algorithm for engineering problems solution. *Computers and Chemical Engineering*, 30(8), 1293–1309. <https://doi.org/10.1016/j.compchemeng.2006.03.003>
- Sissatrio, M. R., Sumardi, & Riskijah, S. S. (2022). Manajemen Tower Crane Proyek Pembangunan Hotel Santika Wonosari. *Jurnal JOS-MRK*, 3, 220–225.
- Suyanto, 2005. *Algoritma Genetika dalam MATLAB*. Penerbit Andi, Yogyakarta.
- Sivanandam dan Deepa. (2008). *Introduction to Genetic Algorithms*. Springer, Berlin.
- The American Society of Mechanical Engineers (ASME). (2020). Tower cranes: Safety Standard for Cableways, Cranes, Derricks, Hoists, Hooks, Jacks, and Slings. *American Scientist*, 1–58.
- Tiyas, A. C. A., & Prasetyono, P. N. (2024). *Perhitungan Waktu Siklus Tower Crane Untuk Pekerjaan Pengecoran Pada Proyek Konstruksi (Case Study Gedung Pringgogigdo Surabaya)*. 2(2), 25–31.
- Utari, R. P., & Afrida, I. N. (2023). *Analisis Perbandingan Efisiensi Produktivitas Tower Crane Proyek Pembangunan Apartemen Di Surabaya Barat*. 08(01), 28–43. <http://ejurnal.unmuhjember.ac.id/index.php/HEXAGON>
- Wijayanti Pradnyo. (2021). *Sistem Koordinat Kartesian Tegak Lurus dan Persamaan Garis Lurus*. 1–474.
- Wirsansky, E. (2020). *Hands-On Genetic Algorithms with Python : Applying genetic algorithms to solve real-world deep learning and artificial intelligence problems*. Packt Publishing, Birmingham.
- Wu, K., García, B., Soto, D., & Zhang, F. (2020). Automation in Construction Spatio-temporal planning for tower cranes in construction projects with simulated annealing. *Automation in Construction*, 111(June 2019), 103060. <https://doi.org/10.1016/j.autcon.2019.103060>
- Yurianingrum, F. (2024). Optimalisasi Penempatan Tower Crane pada Proyek

Pembangunan Tunjungan Plaza 5 Surabaya. *Institut Teknologi Sepuluh Nopember Surabaya*, 21(2), iii–116.