

## DAFTAR PUSTAKA

- Abbood, I. S., Odaa, S. A., Hasan, K. F., & Jasim, M. A. (2021). Properties evaluation of fiber reinforced polymers and their constituent materials used in structures - A review. *Materials Today: Proceedings*, 43, 1003–1008. <https://doi.org/10.1016/j.matpr.2020.07.636>
- Abd el-Hafez, L. M., Mahmoud, F. R., Fahmy, N. G., & Tawfic, Y. R. (2023). Behavior of large-scale columns strengthened with basalt fiber-reinforced polymers sheets or bars and hybrid FRPs. *Case Studies in Construction Materials*, 19(May), e02125. <https://doi.org/10.1016/j.cscm.2023.e02125>
- Anwar, M., Ridwan, R., & Yuniarto, E. (2023). Analisis Elemen Hingga Terhadap Perilaku Balok Beton Bertulang Yang Diperkuat Dengan Menggunakan Metode Deep Embedment. *Journal of Infrastructure and Construction Technology*, 1(1), 10–19. <https://doi.org/10.56208/jictech.1.1.10-19>
- Asplund, S. O. (1949). Strengthening Bridge Slabs with Grouted Reinforcement. *ACI Journal Proceedings*, 45(1). <https://doi.org/10.14359/12151>
- Ciobanu, P., Țăranu, N., Popoaei, S., & Banu, D. (2012). *Structural Response of Reinforced Concrete Beams Strengthened in Flexure With Near Surface Mounted Fibre Reinforced Polymer Reinforcement Experimental Setup. Lxii.*
- D. Cock, R. (1998). Metode Elemen Hingga. *Metode Elemen Hingga*, 23(3), 266. <https://doi.org/10.1358/dof.1998.023.03.450862>
- de Albornoz, V. A. C., del Toro, E. M. G., Isabel Más-López, M., & Patiño, A. L. (2019). Experimental study of a new strengthening technique of RC beams using prestressed NSM CFRP bars. *Sustainability (Switzerland)*, 11(5). <https://doi.org/10.3390/su11051374>
- Haryanto, Y., Hsiao, F. P., Hu, H. T., Lie Han, A., Wiranata Chua, A., Salim, F., & Nugroho, L. (2022). Structural behavior of negative moment region NSM-CFRP strengthened RC T-beams with various embedment depth under monotonic and cyclic loading. *Composite Structures*, 301(1), 116214. <https://doi.org/10.1016/j.compstruct.2022.116214>
- Haryanto, Y., Hu, H., Lie, A., Hsiao, F., Teng, C., & Ardi, B. (2021). Negative moment region flexural strengthening system of RC T-beams with half-embedded NSM FRP rods : a parametric analytical approach. *Journal of the Chinese Institute of Engineers*, 44(6), 553–561. <https://doi.org/10.1080/02533839.2021.1936646>
- Haryanto, Y., Wariyatno, N. G., & Sudibyo, G. H. (2014). *KAPASITAS BEBAN BALOK BETON BERTULANG DENGAN PERKUATAN METODE NEAR-SURFACE MOUNTED MENGGUNAKAN BAMBU PETUNG. November.*
- Li, D., Kaewunruen, S., Remennikov, A., & You, R. (2022). Diagnostics and management methods for concrete sleepers. *Rail Infrastructure Resilience: A Best-Practices Handbook*, 271–294. <https://doi.org/10.1016/B978-0-12-821042-0.00012-5>

- Marpaung, R., Suhadi, & Tilik, L. F. (2013). *PERBANDINGAN ENERGI PADA PERCOBAAN BETON BERTULANG AKIBAT PEMBEBANAN SIKLIK DAN MONOTONIK*. 9(2), 126–133.
- Namboorimadathil, S. M., Tumialan, J. G., & Nanni, A. (2002). *Behavior of RC T-Beams Strengthened In The Negative Moment Region With CFRP Laminates*. 440(Aci 440).
- Nurlina, S., Suseno, H., Hidayat, M. T., & Pratama, I. M. Y. (2016). *PERBANDINGAN DAKTILITAS BALOK BETON BERTULANG DENGAN MENGGUNAKAN PERKUATAN CFRP DAN GFRP*. *Rekayasa Sipil*, 10(1), 62–69.
- Pangestuti, E. K. (2009). *PENGGUNAAN CARBON FIBER REINFORCED PLATE SEBAGAI TULANGAN EKSTERNAL PADA STRUKTUR BALOK BETON*. 1, 11–12.
- Poli, A. A., & Cirillo, M. C. (1993). On the use of the normalized mean square error in evaluating dispersion model performance. *Atmospheric Environment Part A, General Topics*, 27(15), 2427–2434. [https://doi.org/10.1016/0960-1686\(93\)90410-Z](https://doi.org/10.1016/0960-1686(93)90410-Z)
- Rizqullah, M. F. (2023). *ANALISIS PERKUATAN MOMEN NEGATIF BALOK BETON BERTULANG TAMPANG T DENGAN REINFORCED UHPC MENGGUNAKAN METODE ELEMEN HINGGA*.
- Shaheen, N. (2021). *Strengthening of reinforced concrete beams in flexural using near surface mounting*. July, 0–8.