

DAFTAR PUSTAKA

- Badan Standardisasi Nasional. (1996). *SNI 03-4154-1996, Metode Pengujian Kuat Lentur Beton Dengan Balok Uji Sederhana Yang Dibebani Terpusat Langsung*. Jakarta: Badan Standardisasi Nasional.
- American Concrete Institute. (2017). *Guide for the Design and Construction of Externally Bonded FRP Systems for Strengthening Concrete Structures (ACI 440.2R-17)*. Farmington Hills: MI: American Concrete Institute.
- AS 4100:2020. (2020). *Steel structures*. Australian Standard.
- ASM International. (2000). *Alloy Digest Sourcebook: Stainless Steels*. Ohio: ASM International.
- Badan Standardisasi Nasional. (1990). *Metode pengujian kuat tekan beton (SNI 03-1974-1990)*. Badan Standardisasi Nasional.
- Badan Standardisasi Nasional. (2011). *Cara uji kuat lentur beton normal dengan dua titik pembebanan (SNI 4431:2011)*. Badan Standardisasi Nasional.
- Badan Standardisasi Nasional. (2013). *SNI 2847:2013 Persyaratan Beton Struktural untuk Bangunan Gedung*. Jakarta: Badan Standardisasi Nasional.
- Badan Standardisasi Nasional. (2019). *SNI 2847:2019 Persyaratan beton struktural untuk bangunan gedung dan penjelasan*. Jakarta, Indonesia: Badan Standardisasi Nasional.
- Badan Standardisasi Nasional. (2020). *Spesifikasi untuk bangunan gedung baja struktural (ANSI/AISC 360-16, IDT)*. Jakarta: Badan Standardisasi Nasional.
- Badan Standardisasi Nasional. (2021). *Panduan perancangan dan pelaksanaan sistem lembaran serat berpolimer terlekat eksternal untuk perkuatan struktur beton (ACI 440.2R-17, MOD)*. Jakarta: Badan Standardisasi Nasional.
- Bedi, A., & Dabby, R. (2019). *Structure for Architects* (1st ed.). New York: Routledge.
- Bernuzzi, C., & Cordova, B. (2016). *Structural Steel Design to Eurocode 3 and AISC Specifications*. Chichester: John Wiley & Sons, Ltd.

- Bolton, W., & Higgins, R. (2014). *Materials for Engineers and Technicians* (6th ed.). London: Routledge.
- Canonica, L. (1991). *Memahami Beton Bertulang* (1st ed.). Bandung: Penerbit Angkasa Bandung.
- Dewobroto, W. (2016). *Struktur Baja Perilaku, Analisis & Desain - AISC 2010* (2nd ed.). Jakarta: Jurusan Teknik Sipil Universitas Pelita Harapan (UPH).
- Garrison, P. (2016). *Basic Structures* (3rd ed.). Leeds: Wiley Blackwell.
- Gunaslan, S. E., Karasin, A., & Oncu, M. E. (2014). Properties of FRP Materials for Strengthening. *International Journal of Innovative Science, Engineering & Technology*, 656-660.
- Guo, Y. C., Liang, S. d., Xiao, S. H., Zeng, J. J., & Sun, Y. (2020). Behavior of FRP-confined sea-sand concrete columns with a prefabricated concrete-filled FRP-steel core. *Composites Part C: Open Access*, 2.
- Han, L. H., Li, W., & Bjorhovde, R. (2014). Developments and advanced applications of concrete-filled steel tubular (CFST) structures: Members. *Journal of Constructional Steel Research*, 100, 211-228.
- Hassanein, M., Kharoob, O.F., & Liang, Q. (2013). Circular concrete-filled double skin tubular short columns with external stainless steel tubes under axial compression. *Thin-Walled Structures*, 73, 252-263.
- Hidayat, L., Purnomo, J., & Setiadi, L. H. (2005). Pelaksanaan Pekerjaan Beton Untuk Jalan dan Jembatan. In *Pedoman Konstruksi dan Bangunan* (pp. 1-21). Departemen Pekerjaan Umum.
- Hiremath, A. G., Biradar, N., & Giridhara, G. G. (2018). Comparative Study on GFRP and Steel Tube Reinforced GFRP Composite in terms of Strength to Weight Ratio. *International Journal Of Advance Research, Ideas And Innovations In Technology*, 4(4).
- Hognestad, E. (1951). *A Study of Combined Bending and Axial Load in Reinforced Concrete*. University of Illinois Engineering Experiment Station, Urbana, IL: Bulletin 399.
- Knowles, P. R. (1987). *Design of Structural Steelwork 2nd edition* (2nd ed.). London; Glasgow: Surrey University Press.

- Li, W., Chen, B., Han, L. H., & Lam, D. (2020). Experimental study on the performance of steel-concrete interfaces in circular concrete-filled double skin steel tube. *Thin-Walled Structures*, 149.
- Logan, D. (2011). *A First Course in the Finite Element Method*. Cengage Learning.
- Mhanna, H. H., Hawileh, R. A., Abuzaid, W., Naser, M. Z., & Abdalla, J. A. (2020). Experimental Investigation and Modeling of the Thermal Effect on the Mechanical Properties of Polyethylene-Terephthalate FRP Laminates. *Journal of Materials in Civil Engineering*.
- Nanni, A., & Bradford, N. M. (1995). FRP Jacketed Concrete Under Uniaxial Compression. *Construction & Building Materials*, 9, No. 2, 115-124.
- Nazreen, M. S., Mohamed, R. N., Kadir, M. A., Azillah, N., Shukri, N. A., Mansor, S., & Zamri, F. (2018). Characterization of lightweight concrete made of palm oil clinker aggregates. *The 12th International Civil Engineering Post Graduate Conference (SEPKA) – The 3rd International Symposium on Expertise of Engineering Design (ISEED) (SEPKA-ISEED 2018)*, 250.
- Purnosidi. (2018). *Jenis-Jenis Baja dan Penggunaannya pada Pekerjaan Proyek Konstruksi*. PT Niki Four.
- Rao, S. S. (2017). *The finite element method in engineering*. Butterworth-heinemann.
- Rocca, S., Galati, N., & Nanni, A. (2006). *Experimental Evaluation of FRP Strengthening of Large-Size Reinforced Concrete Columns*. Missouri: University of Missouri-Rolla.
- Setiawan, A. (2016). *Perancangan Struktur Beton Bertulang Berdasarkan SNI 2847:2013*. Jakarta: Penerbit Erlangga.
- Toutanji, H. (1998). Shear Strengthening of Reinforced Concrete Beams Using Epoxy-Bonded FRP Composites. *ACI Structural Journal*, 96, No. 2, 107-115.
- Tran, V. L., Thai, D. K., & Nguyen, D. D. (2020). Practical artificial neural network tool for predicting the axial compression capacity of circular concrete-filled steel tube columns with ultra-high-strength concrete. *Thin-Walled Structures*, 151.

- Triantafillou, T., Matthys, S., Audenaert, K., Balázs, G., Blaschko, M., Blontrock, H., & Giorgi. (2001). *Externally bonded FRP reinforcement for RC structures*. Lausanne: fib.
- Wight, J. K., & MacGregor, J. G. (2012). *Reinforced Concrete: Mechanics and Design 6th Edition*. United States: Pearson Education Limited.
- Ye, Y., Han, L. H., Sheehan, T., & Guo, Z. X. (2016). Concrete-filled bimetallic tubes under axial compression. *Thin-Walled Structures*, 108, 321-332.
- Ye, Y., Zhang, S. j., Han, L. H., & Liu, Y. (2018). Square concrete-filled stainless steel/carbon steel bimetallic tubular stub columns under axial compression. *Journal of Constructional Steel Research*, 146, 49-62.
- Zhang, S. J., Guo, Z. X., Ma, D. Y., & Ye, Y. (2021). Performance of concrete-filled bimetallic tube short columns under eccentric compression: Experimental investigation. *Journal of Constructional Steel Research*, 181.
- Zhao, H. C., Ye, Y. Y., Zeng, J. J., Zhou, J. K., & Ouyang, Y. (2020). Polyethylene terephthalate fibre-reinforced polymer-confined concrete encased high-strength steel tube hybrid square columns: Axial compression tests. *Structures*, 28, 577-588.
- Zhu, B. (2018). The Finite Element Method Fundamentals and Applications in Civil, Hydraulic, Mechanical and Aeronautical Engineering. *In Wiley*, 6(11).