

## DAFTAR PUSTAKA

- AASHTO, 2020. LRFD Bridge Design Specifications. American Association of State Highway and Transportation Officials.
- Ahmadivala, M., 2020. Towards optimal maintenance planning of existing structures based on time-dependent reliability analysis.
- AISC, 2022. Specification for Structural Steel Buildings, 360–22 ed. American Institute of Steel Construction.
- Aisyah, 2024. KAJIAN IDENTIFIKASI GAYA KABEL PADA JEMBATAN BENTANG PANJANG BERBASIS KOMBINASI METODE GETARAN DAN MODEL NUMERIK. Yogyakarta.
- AREMA, 2019. Manual for Railway Engineering - Chapter 15 Steel Structures. American Railway Engineering and Maintenance-of-Way Association.
- Barasa, W., Fiantika, T., Purnomo, D.A., Aspar, W.A.N., 2020. The Comparative Study of Railway Bridge Design Load Between PM 60:2012 and EN 1991: 2-2003.
- Beer, F.P., Johnston, E.Russell., DeWolf, J.T., Mazurek, D.F., 2015. Mechanics of materials. McGraw-Hill Education.
- BSN, 2016a. Pembebanan untuk jembatan, SNI 1725:2016. ed. Badan Standarisasi Nasional.
- BSN, 2016b. Perencanaan jembatan terhadap beban gempa, SNI 2833:2016. ed. Badan Standarisasi Nasional.
- Crovati, 2021. Sign convention of shell elements [WWW Document]. Rhinoceros Forum.
- Federal Highway Administration, 2019. Manual for Refined Analysis in Bridge Design and Evaluation. U.S. Department of Transportation.
- Gere, J.M., Goodno, B.J., 2013. Mechanics of materials. Cengage Learning.
- Hibbeler, R.C., 2014. Mechanics of Materials, 9th Edition.
- Leander, J., Andersson, A., Karoumi, R., 2010. Monitoring and enhanced fatigue evaluation of a steel railway bridge. Eng Struct 32, 854–863. <https://doi.org/10.1016/j.engstruct.2009.12.011>
- Liu, B., Su, Q., Wang, S., Wang, F., 2025. Experimental and numerical study of riveted joints in truss bridges reinforced with added steel plates. Thin-Walled Structures 214, 113314. <https://doi.org/10.1016/j.tws.2025.113314>
- Lotsberg, I., 2016. Fatigue Degradation Mechanism and Failure Modes, dalam: Fatigue Design of Marine Structures. Cambridge University Press, hlm. 19–25. <https://doi.org/10.1017/CBO9781316343982.003>
- Masagala, A., 2022. Evaluasi Jembatan Kereta Api Rangka Baja Jalur Tunggal Tipe Welded Through Truss. Jurnal Karkasa 8, 25–31.



- Mathivat, Jacques., 1983. The cantilever construction of prestressed concrete bridges. J. Wiley.
- MathWorks, t.t. Finite Element Analysis [WWW Document]. MATLAB.
- Midas IT, 2012. Analysis for Civil Structures.
- Nie, B., Zhang, H., 2022. Hoop and axial plastic buckling modes of submerged cylindrical shells subjected to side-on underwater explosion shock wave. *Marine Structures* 84, 103200. <https://doi.org/10.1016/j.marstruc.2022.103200>
- Nursani, R., Al Huseiny, M.S., 2020. ANALISIS NUMERIK SAMBUNGAN LAS STRUKTUR BAJA DENGAN MENERAPKAN VARIASI LAYOUT LAS. *Akselerasi : Jurnal Ilmiah Teknik Sipil* 2. <https://doi.org/10.37058/aks.v2i1.2045>
- Otter, D.E., Sweeney, R.A.P., Dick, S.M., 2001. Development of Guidelines for Longitudinal Forces in Bridges 97.
- Packer, J.A., Henderson, J.E., 1997. Hollow structural section connections and trusses : a design guide. Canadian Institute of Steel Construction.
- Papatheocharis, T., Plakias, G.T., Zervaki, A.D., Perdikaris, P.C., Karamanos, S.A., 2023. Ultimate strength and fatigue of stiffened welded tubular joints in floating energy production structures. *Eng Struct* 297, 116985. <https://doi.org/10.1016/j.engstruct.2023.116985>
- Pedoman Pembahasan Penyelenggaraan Keamanan Jembatan Khusus, No. 02/P/BM/2022. ed, 2022. . Kementerian Pekerjaan Umum dan Perumahan Rakyat, Direktorat Jenderal Bina Marga, Direktorat Bina Teknik Jalan dan Jembatan, Balai Jembatan.
- Persyaratan Teknis Jalur Kereta Api, PM. 60 Tahun 2012. ed, 2012. . Menteri Perhubungan Republik Indonesia.
- PUPR, 2022. PENYELENGGARAAN KEAMANAN JEMBATAN DAN TEROWONGAN JALAN, PM No.10 Tahun 2022. ed.
- Ramadhani, M.I., 2024. Evaluasi Kinerja Struktural Jembatan Pelengkung Beton Bertulang Multibentang Eksisting. Yogyakarta.
- Sanders, W.W., Munse, W.H., 1969. Load Distribution in Steel Railway Bridges. *Journal of the Structural Division* 95, 2763–2782. <https://doi.org/10.1061/JSDEAG.0002435>
- Suhendro, B., 2023. Analisis Struktur Metode Elemen Hingga. Beta Offset.
- Suhendro, B., 2011. Analisis Struktur Metode Matrix. Beta Offset.
- Sun, N., Zheng, X., Li, Y., Zhao, Y., Yuan, H., Zhou, M., 2024. Numerical Study on the Mechanical Performance of a Flexible Arch Composite Bridge with Steel Truss Beams over Its Entire Lifespan. *Sustainability* 16, 6041. <https://doi.org/10.3390/su16146041>
- Taly, Narendra., 1998. Design of Modern Highway Bridges. McGraw-Hill.
- Ugural, A.C., Fenster, S.K., 2008. Advanced strength and applied elasticity. Prentice Hall.
- Unsworth, J.F., 2017. Design and Construction of Modern Steel Railway Bridges.



Wu, Y., Wang, Xiangchuan, Fan, Y., Shi, J., Luo, C., Wang, Xinzhong, 2024. A Study on the Ultimate Span of a Concrete-Filled Steel Tube Arch Bridge. *Buildings* 14, 896. <https://doi.org/10.3390/buildings14040896>

Young-Wook, H., 2021. Important Considerations of Element Types [WWW Document]. MIDAS IT.

Zavvar, E., Rosa-Santos, P., Ghafoori, E., Taveira-Pinto, F., 2025. Analysis of tubular joints in marine structures: A comprehensive review. *Marine Structures* 99, 103702. <https://doi.org/10.1016/j.marstruc.2024.103702>

Zhao, R., Zheng, K., Wei, X., Jia, H., Li, X., Zhang, Q., Xu, G., Zhan, Y., Shen, R., Zhang, F., Pu, Q., Gou, H., Yu, C., 2022. State-of-the-art and annual progress of bridge engineering in 2021. *Advances in Bridge Engineering* 3, 29. <https://doi.org/10.1186/s43251-022-00070-1>