

## DAFTAR PUSTAKA

- Annan, C.-D., & Chiza, A. (2014). Slip resistance of metalized–galvanized faying surfaces in steel bridge construction. *Journal of Constructional Steel Research*, 95(95), 211–219. <https://doi.org/10.1016/j.jcsr.2013.12.008>
- Badan Standardisasi Nasional. (2017). *SNI 8389:2017 Cara Uji Tarik Logam*.
- Bazarchi, E., Davaran, A., Lamarche, C. P., Roy, N., & Parent, S. (2023). Experimental and numerical investigation of a novel vertically unconstrained steel inter-modular connection. *Thin-Walled Structures*, 183(November 2022), 110364. <https://doi.org/10.1016/j.tws.2022.110364>
- Behera, B. K., & Hari, P. K. (2010). Friction and other aspects of the surface behavior of woven fabrics. *Woven Textile Structure*, 230–242. <https://doi.org/10.1533/9781845697815.2.230>
- Bickford, J. H. (1995). *An introduction to the design and behavior of bolted joints* (3rd ed). Marcel Dekker.
- Budynas, R. G., & Nisbett, J. K. (2015). *Mechanical Engineering Design* (Tenth Edit). Mc Graw Hill Education.
- Cruz, A., Simões, R., & Alves, R. (2012). Slip factor in slip resistant joints with high strength steel. *Journal of Constructional Steel Research*, 70, 280–288. <https://doi.org/10.1016/j.jcsr.2011.11.001>
- Deng, E. F., Zong, L., Ding, Y., Zhang, Z., Zhang, J. F., Shi, F. W., Cai, L. M., & Gao, S. C. (2020). Seismic performance of mid-to-high rise modular steel construction - A critical review. *Thin-Walled Structures*, 155(May), 106924. <https://doi.org/10.1016/j.tws.2020.106924>
- Fajar, A. S., Saputra, A., Satyarno, I., & Himawan, L. (2022). Investigation of Fast Connection (Clamped Pocket Mechanics) for Modular Instant Steel House with Finite Element Analysis: Back to Build Post-disaster. *Proceedings of the 5th International Conference on Sustainable Civil Engineering Structures and Construction Materials*, 767–785. [https://doi.org/10.1007/978-981-16-7924-7\\_65](https://doi.org/10.1007/978-981-16-7924-7_65)
- G. Sedlacek, C. K. (2001). GV-Verbindungen in verzinkten Konstruktionen – Erfahrungen mit Vorspannkraftverlusten. *Erfahrungen Mit Vorspannkraftverlusten Stahlbau, Ernst & Sohn* 70, 12, 917–926.
- Gunawardena, T. (2016). *Behaviour of Prefabricated Modular Buildings Subjected to Lateral Loads Performance evaluation of engineered timber View project. December*, 0–1. <https://www.researchgate.net/publication/322040294>
- Heistermann, C. (2014). *Resistance of Friction Connections with Open Slotted Holes in Towers for Wind Turbines*.
- Heistermann, C., Veljkovic, M., Simões, R., Rebelo, C., & Simões da Silva, L. (2013). Design of slip resistant lap joints with long open slotted holes. *Journal of Constructional Steel Research*, 82, 223–233. <https://doi.org/10.1016/j.jcsr.2012.11.012>

- Hwang, H. Y. (2013). Bolted joint torque setting using numerical simulation and experiments. *Journal of Mechanical Science and Technology*, 27(5), 1361–1371. <https://doi.org/10.1007/s12206-013-0317-2>
- Krolo, P., Grandić, D., & Bulić, M. (2016). The Guidelines for Modelling the Preloading Bolts in the Structural Connection Using Finite Element Methods. *Journal of Computational Engineering*, 2016, 1–8. <https://doi.org/10.1155/2016/4724312>
- Kulak, G. L., Fisher, J. W., & Struik, J. H. A. (2001). Guide to design criteria for bolted and riveted joints. In *American Institute of Steel Construction* (Vol. 2, Issue 12). <https://doi.org/10.1139/188-018>
- Kumar, P. J. L., Roy, J. V., & Sevvell, P. (2023). An investigation on the influence of torque and R-ratio on the fatigue life of double-lap bolted joint using FEM. *Materials Today: Proceedings*, xxxx, 1–7. <https://doi.org/10.1016/j.matpr.2023.05.342>
- Lacey, A. W., Chen, W., & Hao, H. (2023a). Cyclic friction-slip behaviour of G350-steel bolted connections. *Journal of Constructional Steel Research*, 204(February), 1–18. <https://doi.org/10.1016/j.jcsr.2023.107870>
- Lacey, A. W., Chen, W., & Hao, H. (2023b). Cyclic friction-slip behaviour of G350-steel bolted connections. *Journal of Constructional Steel Research*, 204. <https://doi.org/10.1016/j.jcsr.2023.107870>
- Lacey, A. W., Chen, W., Hao, H., & Bi, K. (2018). Structural response of modular buildings – An overview. *Journal of Building Engineering*, 16(December 2017), 45–56. <https://doi.org/10.1016/j.jobbe.2017.12.008>
- Lacey, A. W., Chen, W., Hao, H., & Bi, K. (2019). Experimental and numerical study of the slip factor for G350-steel bolted connections. *Journal of Constructional Steel Research*, 158, 576–590. <https://doi.org/10.1016/j.jcsr.2019.04.012>
- Lawson, R. M., Prewer, J., & Trebilcock, P. J. (1999). *Modular Construction using Light Steel Framing : An Architect ' s Guide Why use modular construction ? The Egan Report - Rethinking construction*.
- Librian, V., Ramdhan, M., Nugraha, A. D., Mukti, M. M., Syuhada, S., Widiyantoro, S., Mursitantyo, A., & Anggraini, A. (2024). Detailed seismic structure beneath the earthquake zone of Yogyakarta 2006 (Mw ~6.4), Indonesia, from local earthquake tomography. *Physics of the Earth and Planetary Interiors*, 2006, 107170. <https://doi.org/10.1016/j.pepi.2024.107170>
- Mahmoudi, M., Kosari, M., Lorestani, M., & Abad, M. J. S. (2020). Effect of contact surface type on the slip resistance in bolted connections. *Journal of Constructional Steel Research*, 166, 1–12. <https://doi.org/10.1016/j.jcsr.2020.105943>
- Maiorana, E., Zampieri, P., & Pellegrino, C. (2018a). Experimental tests on slip factor in friction joints: Comparison between european and American standards. *Frattura Ed Integrita Strutturale*, 12(43), 205–217. <https://doi.org/10.3221/IGF-ESIS.43.16>
- Maiorana, E., Zampieri, P., & Pellegrino, C. (2018b). Experimental tests on slip factor in friction joints: Comparison between european and American standards. *Frattura Ed Integrita Strutturale*, 12(43), 205–217. <https://doi.org/10.3221/IGF-ESIS.43.16>
- Mason, H. B., Montgomery, J., Gallant, A. P., Hutabarat, D., Reed, A. N., Wartman, J.,

- Irsyam, M., Simatupang, P. T., Alatas, I. M., Prakoso, W. A., Djarwadi, D., Hanifa, R., Rahardjo, P., Faizal, L., Harnanto, D. S., Kawanda, A., Himawan, A., & Yasin, W. (2021). East Palu Valley flowslides induced by the 2018 MW 7.5 Palu-Donggala earthquake. *Geomorphology*, 373. <https://doi.org/10.1016/j.geomorph.2020.107482>
- Narendra, P. V. R., Prasad, K., Krishna, E. H., Kumar, V., & Singh, K. D. (2019). Low-Cycle-Fatigue (LCF) behavior and cyclic plasticity modeling of E250A mild steel. *Structures*, 20(July), 594–606. <https://doi.org/10.1016/j.istruc.2019.06.014>
- Patne, S., Karale, A., Mohankumar, V., & Rane, S. (2023). Bolt pre-load CAE analysis and validation: FEA simulation of hex bolt tightening torque for IDU assembly of 2-wheeler in MSC Nastran and practical validation. *Materials Today: Proceedings*, 72, 1925–1928. <https://doi.org/10.1016/j.matpr.2022.10.155>
- Pemprov Sulteng. (2019). *Laporan Finalisasai Data Dan Informasi Bencana Gempa Bumi, Tsunami dan Likuifkasi PADAGIMO di Sulawesi Tengah Per Tanggal 30 Jan 2019*. Pemerintah Provinsi Sulawesi Tengah.
- Pribadi, K. S., Abduh, M., Wirahadikusumah, R. D., Hanifa, N. R., Irsyam, M., Kusumaningrum, P., & Puri, E. (2021). Learning from past earthquake disasters: The need for knowledge management system to enhance infrastructure resilience in Indonesia. *International Journal of Disaster Risk Reduction*, 64(February), 102424. <https://doi.org/10.1016/j.ijdrr.2021.102424>
- Qin, J., & Tan, P. (2022). Design method of innovative box connections for modular steel constructions. *Journal of Building Engineering*, 57(March), 104820. <https://doi.org/10.1016/j.jobbe.2022.104820>
- Setyonugroho, G. A., & Maki, N. (2024). Policy implementation model review of the post-disaster housing reconstruction in Indonesia case study: Aceh, Yogyakarta, and Lombok. *International Journal of Disaster Risk Reduction*, 100(December 2023), 1–18. <https://doi.org/10.1016/j.ijdrr.2023.104181>
- Sutrisno, W., Satyarno, I., Awaludin, A., Saputra, A., & Setiawan, A. F. (2022). Seismic Performance of Instant Steel Frame House for Post Earthquake Reconstruction. *Proceedings of the 5th International Conference on Sustainable Civil Engineering Structures and Construction Materials*, April, 81–97. <https://doi.org/10.1007/978-981-16-7924-7>
- Thai, H. T., Ngo, T., & Uy, B. (2020). A review on modular construction for high-rise buildings. *Structures*, 28(September), 1265–1290. <https://doi.org/10.1016/j.istruc.2020.09.070>
- Wang, H., Zhang, B., Qian, H., Liu, J., An, B., & Fan, F. (2021). Experimental and numerical studies of a new prefabricated steel frame joint without field-welding: Design and static performance. *Thin-Walled Structures*, 159(March 2020), 107271. <https://doi.org/10.1016/j.tws.2020.107271>
- Wang, Y. B., Wang, Y. Z., Chen, K., & Li, G. Q. (2020). Slip factor between shot blasted mild steel and high strength steel surfaces. *Journal of Constructional Steel Research*, 168, 105969. <https://doi.org/10.1016/j.jcsr.2020.105969>
- Yulianto, E., Yusanta, D. A., Utari, P., & Satyawati, I. A. (2021). Community adaptation and action during the emergency response phase: Case study of natural disasters in

Palu, Indonesia. *International Journal of Disaster Risk Reduction*, 65(September), 102557. <https://doi.org/10.1016/j.ijdrr.2021.102557>

Zhang, Z., Li, D., Wang, H., Li, S., Qian, H., Bi, Y., Wang, G., Jin, X., & Fan, F. (2024). Static and Seismic Experimental Study of Novel Prefabricated Beam-Column Joints with Elongated-Hole Brackets. *International Journal of Steel Structures*, 24(1), 118–131. <https://doi.org/10.1007/s13296-023-00804-5>