Perancangan Ulang Gedung Modular Hybrid Dengan Bracing Konsentris Khusus
Dzafran Rafli Achmad Fuadi, Angga Fajar Setiawan, S.T., M.Eng., Ph.D.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Delfebriyadi, Masyhur, I., Bigman M, H., Iswandi, I., Asrurifak, 2017. Zonasi Hazard Gempa Bumi untuk Wilayah Jakarta. Jurnal Teoretis dan Terapan Bidang Rekayasa Sipil.

Generalova, E.M., Generalov, V.P., Kuznetsova, A.A., 2016. Modular Buildings in Modern Construction, dalam: Procedia Engineering. Elsevier Ltd, hlm. 167–172. https://doi.org/10.1016/j.proeng.2016.08.098

Gunawardena, T., Ngo, T., Mendis, P., Kumar, S., 2017. Performance of multi-storey prefabricated modular buildings with infill concrete walls subjected to earthquake loads.

Hajirezaei, R., Sharafi, P., Kildashti, K., Alembagheri, M., 2024. Robustness of Corner-Supported Modular Steel Buildings with Core Walls. Buildings 14. https://doi.org/10.3390/buildings14010235

Karthik, S., Sharareh, K., Behzad, R., 2020. Modular Construction vs. Traditional Construction: Advantages and Limitations: A Comparative Study. Periodica Polytechnica Budapest University of Technology and Economics, hlm. 11–19. https://doi.org/10.3311/ccc2020-012

Kazemzadeh Azad, S., Topkaya, C., Astaneh-Asl, A., 2017. Seismic behavior of concentrically braced frames designed to AISC341 and EC8 provisions. J. Constr. Steel Res. 133, 383–404. https://doi.org/10.1016/j.jcsr.2017.02.026

Kumar, M.S., Senthilkumar, R., Sourabha, L., 2019. Seismic performance of special concentric steel braced frames. Structures 20, 166–175. https://doi.org/10.1016/j.istruc.2019.03.012

Liew, J.Y.R., Chua, Y.S., Dai, Z., 2019. Steel concrete composite systems for modular construction of high-rise buildings. Structures 21, 135–149. https://doi.org/10.1016/j.istruc.2019.02.010

Liu, J., Chen, Z., Liu, Y., Bai, Y., Zhong, X., 2021. Full-scale corner-supported modular steel structures with vertical inter-module connections under cyclic loading. Journal of Building Engineering 44. https://doi.org/10.1016/j.jobe.2021.103269

Milovanović, N., Tankova, T., Simões, R., Silva, L.C., Craveiro, H.D., Costa, R., Martins, C., Simões da Silva, L., 2024. Hybrid modular construction system

Perancangan Ulang Gedung Modular Hybrid Dengan Bracing Konsentris Khusus
Dzafran Rafli Achmad Fuadi, Angga Fajar Setiawan, S.T., M.Eng., Ph.D.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

"INNO3DJOINTS": Experimental behaviour and numerical modelling of isolated sub-frames. Journal of Building Engineering 98. https://doi.org/10.1016/j.jobe.2024.110781

Musridhoi, R., Nugroho, M.S., 2025. Analysis Of Mobile Crane and Crawler Crane Lift Capacity in Steel Box Girder Type Bridge Construction, Journal of Applied Civil Engineering and Practice.

Prasojo, L.B., Fatima, I., 2025. Model Bisnis dan Integrasi Rantai Nilai dalam Industri Konstruksi Modular di Indonesia. R2J 8. https://doi.org/10.38035/rrj.v8i1

Rakotonjanahary, M., Scholzen, F., Waldmann, D., 2020. Summertime overheating risk assessment of a flexible plug-in modular unit in luxembourg. Sustainability (Switzerland) 12, 1–21. https://doi.org/10.3390/su12208474

Sabelli, R., Ziemian, R.D., Schafer, B.W., 2024. ASD and LRFD lateral load combinations: Comparison of required strength and reliability for design of structural steel. J. Constr. Steel Res. 212. https://doi.org/10.1016/j.jcsr.2023.108210

Salama, T., 2017. Configuration of Hybrid Modular Construction for Residential Buildings. International Journal of Innovation, Management and Technology 106–112. https://doi.org/10.18178/ijimt.2017.8.2.712

Shan, S., Mou, B., 2024. Development of an innovative module-to-core wall connection for steel-framed modular high-rise buildings. J. Constr. Steel Res. 214. https://doi.org/10.1016/j.jcsr.2024.108494

Tian, P., Wang, C., Chan, T.M., Elghazouli, A.Y., 2026. Seismic time history response prediction of modular buildings using transformer-based machine learning models. J. Constr. Steel Res. 240. https://doi.org/10.1016/j.jcsr.2026.110256

Wang, H., Zhao, X., Ma, G., 2022. Novel coupled modular steel structure and seismic tests on high-performance interconnection. J. Constr. Steel Res. 189. https://doi.org/10.1016/j.jcsr.2021.107058

Zhou, Z., Fan, X., Kou, Y., Syamsunur, D., 2026. A SWOT Analysis of Modular Construction. Encyclopedia 6, 13. https://doi.org/10.3390/encyclopedia6010013