

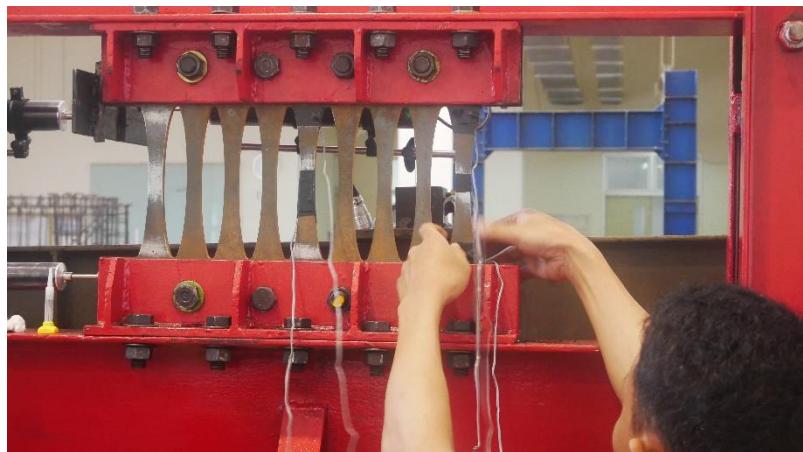
## DAFTAR PUSTAKA

- Aghlara, R., & Tahir, M. M. (2018). A passive metallic *damper* with replaceable *steel* bar components for earthquake protection of structures. *Engineering structures*, 159, 185-197.
- Ali HM, Abdel-Ghaffar AM (1995) Modeling of rubber and lead passive-control bearings for seismic analysis. *J Struct Eng* 121:1134–1144. [https://doi.org/10.1061/\(ASCE\)0733-9445\(1995\)121:7\(1134\)](https://doi.org/10.1061/(ASCE)0733-9445(1995)121:7(1134))
- Amiruddin, A.A., Parung, H., Tjaronge, M.W., Irmawaty, R. (2022). Influence of Prefabricated Foam Concrete As Infill Wall On The Strength Due To Cyclic Loading. *International Journal of GEOMATE*, May, 2022, Vol.22, Issue 93, pp.114-121 ISSN: 2186-2982 (P), 2186-2990 (O), Japan, DOI: <https://doi.org/10.21660/2022.93.j2343>.
- Aswad, N., Parung, H., Irmawaty, R., & Amiruddin, A. A. (2019). Evaluation of Reduced Section Beam (RBS) on Castellated Beam Subjected to A Seismic Load. *IOP Conference Series* (Vol. 235). Retrieved from <https://doi.org/10.1088/1755-1315/235/1/012019>.
- Chan, R. W., & Albermani, F. (2008). Experimental study of *steel slit damper* for passive energy dissipation. *Engineering Structures*, 30(4), 1058-1066.
- Dargush GF, Sant RS (2005) Evolutionary aseismic design and retrofit of structures with passive energy dissipation. *Earthq Eng Struct Dyn* 34:1601–1626. <https://doi.org/10.1002/eqe.497>
- DesRoches R, Delemont M (2002) Seismic retrofit of simply supported bridges using shape memory alloys. *Eng Struct* 24:325–332. [https://doi.org/10.1016/S0141-0296\(01\)00098-0](https://doi.org/10.1016/S0141-0296(01)00098-0)
- Di Sarno L, Elnashai AS (2005) Innovative strategies for seismic retrofitting of steel and composite structures. *Earthq Eng Struct Dyn* 7:115–135. <https://doi.org/10.1002/pse.195>
- El-Khoury O, Adeli H (2013) Recent advances on vibration control of structures under dynamic loading. *Arch Comput Methods Eng* 20:353–360. <https://doi.org/10.1007/s11831-013-9088-2>
- FEMA-416 (2007) Interim testing protocols for determining the seismic performance characteristics of structural and nonstructural components. *Federal Emergency Management Agency, Washington, DC (USA)*
- Fisco NR, Adeli H (2011) Smart structures: part I—active and semi-active control. *Sci Iran* 18:275–284. <https://doi.org/10.1016/j.scient.2011.05.034>
- Ghaedi K, Ibrahim Z, Jameel M, Javanmardi A, Khatibi H (2018) Seismic response analysis of fully base isolated adjacent buildings with segregated foundations. *Adv Civ Eng*. <https://www.hindawi.com/journals/ace/aip/4517940/>
- Ghabraie, K., Chan, R., Huang, X., & Xie, Y. M. (2010). Shape optimization of metallic yielding devices for passive mitigation of seismic energy. *Engineering Structures*, 32(8), 2258-2267
- Gutierrez Soto M, Adeli H (2013) Tuned mass dampers. *Arch Comput Methods Eng*. 20:419–431. <https://doi.org/10.1007/s11831-013-9091-7>
- Housner GW, Bergman LA, Caughey TK, Chassiakos AG, Claus RO, Masri SF, Skelton RE, Soong TT, Member S, Spencer BF, Yao JTP (1997) Structural control: past, present, and future. *J. Eng. Mech*. 123:897–971

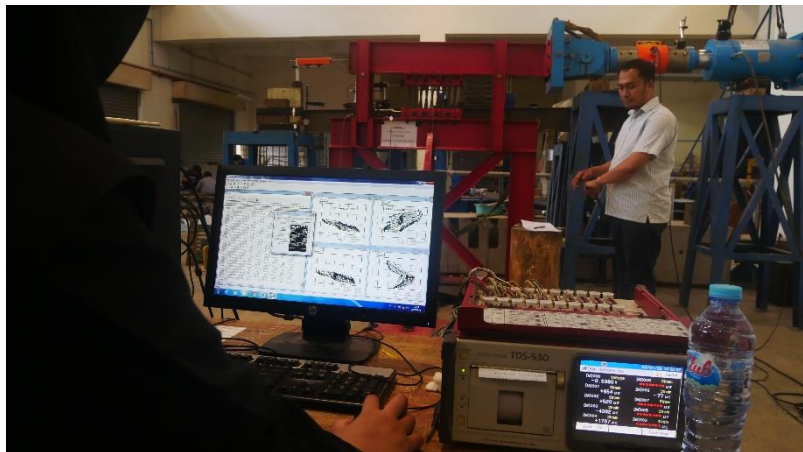
- Ibrahim RA (2008) Recent advances in nonlinear passive vibration isolators. *J Sound Vib* 314:371–452. <https://doi.org/10.1016/j.jsv.2008.01.014>
- Javanmardi A (2014) Non-linear test of precast subframe subjected to cyclic lateral loadings. *Universiti Teknologi Malaysia*
- Javanmardi A, Abadi R, Marsono AK, Tap M, Ibrahim Z, Ahmad A (2015) Correlation of stiffness and natural frequency of precast frame system. *Appl Mech Mater* 735:141–144. <https://doi.org/10.4028/www.scientific.net/AMM.735.141>
- Javanmardi, A., Ibrahim, Z., & Ghaedi, K. (2018, October). Development of a new hybrid precast beam-to-column connection. In *IOP Conference Series: Materials Science and Engineering* (Vol. 431, No. 11, p. 112002). IOP Publishing.
- Javanmardi A, Ghaedi K, Ibrahim Z, Khatibi H (2016) Nonlinear seismic behavior of a based isolated cable-stayed bridge. In: Shahid Beheshti University (ed) 4th international congress on civil engineering, architecture and urban development, Civilica, Tehran
- Korkmaz S (2011) A review of active structural control: challenges for engineering informatics. *Comput Struct* 89:2113–2132. <https://doi.org/10.1016/j.compstruc.2011.07.010>
- Korkmaz S (2011) A review of active structural control: challenges for engineering informatics. *Comput Struct* 89:2113–2132. <https://doi.org/10.1016/j.compstruc.2011.07.010>
- Li H, Huo L (2010) Advances in structural control in civil engineering in China. *Math Probl Eng*. <https://doi.org/10.1155/2010/936081>
- Teruna, D. R., Majid, T. A., & Budiono, B. (2015). Numerical Models of Hysteretic Steel Damper with a Hollow Diamond Shape for Energy Dissipation. In *Applied Mechanics and Materials* (Vol. 802, pp. 243-248). Trans Tech Publications Ltd.
- Xu, Y. H., Li, A. Q., Zhou, X. D., & Sun, P. (2011). Shape optimization study of mild steel slit dampers. In *Advanced Materials Research* (Vol. 168, pp. 2434-2438). Trans Tech Publications Ltd.
- Zabihi-Samani, M. (2019, January 10). Design of Optimal Slit Steel Damper Under Cyclic Loading for Special Moment Frame by Cuckoo Search. *International Journal of Steel Structures*. Retrieved from <https://doi.org/10.1007/s13296-019-00206-6>.

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