

REFERENCES

- [1] Sarkar, A., Gudmestad, O., "Pendulum Type Liquid Column Damper (PLCD) For Controlling Vibrations Of a Structure – Theoretical and Experimental Study," *Engineering Structures*, Vol. 49, pp. 221-233, 2013.
- [2] Son, L., Bur, M., Rusli, M., "*Kaji Eksperimental Penerapan Peredam Dinamik TLCD dan TMD pada Model Struktur Geser Dua Derajat Kebebasan*," *Seminar Nasional Tahunan Teknik Mesin XIV*, 2015.
- [3] Gao, H., and Kwok, K.C.S., "Optimization of Tuned Liquid Column Dampers," *Engineering Structures*, Vol. 19, pp. 476-486, 1997.
- [4] Govi, R.Y., "*Kaji Eksperimental Untuk Kerja Peredam Dinamik Tuned Liquid Column Damper dan Sistem Massa Pegas dan Struktur Bangunan*," *Tugas Akhir*, Mechanical Engineering Departement, Andalas University, Padang, 2015.
- [5] Min, K.W., Kim, Y.W., Kim, J., "Analytical and experimental investigations on the performance of tuned liquid column dampers with various orifices to wind-excited structural vibration," *Journal of Wind Engineering and Industrial Aerodynamics*, Vol. 139, pp. 62-69, 2015.
- [6] Reiterer, M. and Hochrainer, M., "Investigation of Parametric Resonance in Tuned Liquid Column Damper," *Application Mathematics and Mechanical*, Vol. 3, pp. 122-123, 2003.
- [7] Reiterer, M. and Ziegler, F., "Combined Seismic Activation of an SDOF-Building with a passive TLCD attached," *13th World Conference on Earthquake Engineering*," pp. 226, 2004.
- [8] Son, L., Bur, M., Rusli, M., "Response Reduction of Two-DOF Shear Structure Using TMD and TLCD by Considering Absorber Space Limit and Fluid Motion," *Applied Mechanics and Materials*, Vol. 836, pp. 251-256, 2016.
- [9] Ballard, J., "The Simple Harmonic Pendulum," 2012

- [10] Wynn, J., "Motion of a Pendulum," Undergraduate Journal of Mathematical Modelling: One + Two, Vol. 3, Issue 1, Article 9, 2010.
- [11] Bur, M. (2012). "*Dasar-Dasar Getaran Mekanik.*" Padang : CV. Ferila.
- [12] Ghorbani, H., D.A, Wood. (2008). "Prediction of oil flow rate through an orifice flow meter: Artificial Intelligence alternatives compared," Petroleum.
- [13] Semmlow, J., "Linear Systems in the Frequency Domain: The Transfer Function," 2018.
- [14] Hatch, M. (2001). "Vibration Simulation Using MATLAB and ANSYS."
- [15] OMEGA Inc. (2006). "OMEGA Model IH101 Impulse Hammer: Operator's Manual." USA, MA: Author.

