

## DAFTAR PUSTAKA

- A.K.Chopra. 2010. *Dynamic of Structure: Theory and Application to Earthquake Engineering. 4<sup>th</sup> Edition*, Prentice Hall, Englewood Cliffs, New Jersey.
- Arakawa, T., Yamamoto K. 2004. *Frequencies and Damping Ratios of High Rise Building Based on Microtremor Measurement. 13<sup>th</sup> World Conference on Earthquake Engineering. N.48.*
- Ayi, Vivi W., Bahri, Syaeful. 2012. *Analisis Mikrotremor untuk Evaluasi Kekuatan Bangunan Studi Kasus Gedung Perpustakaan ITS. Jurnal Sains dan Seni ITS. Vol. 1, No. 1. ISSN:2301-928X.*
- Celebi M. 2003. *Identification of Site Frequencies from Building Records. Earthquake Spectra. Vol 19. No.1. pp. 1-23*
- Departemen Pekerjaan Umum (2012), SNI 1726-2012, "Tata Cara Perencanaan Ketahanan Gempa untuk Struktur Bangunan Gedung dan Non-Gedung", Badan Standarisasi Nasional, Jakarta, Indonesia.
- Departemen Pekerjaan Umum (2013), SNI 03-2847-2013, "Tata Cara Perhitungan Struktur Beton Untuk Banguna Gedung (Beta Version)", Badan Standarisasi Nasional, Bandung, Indonesia.
- Dolce, M et al., 2005. *Shaking table test n reinforced concrete frames without and with passive control system. Earthquake Engineering Structure Dynamic. 34:1687-1717.*
- Jamal, Atikah Ulfah. 2009. Thesis:Karakteristik Dinamik Gedung KPTU Fakultas Teknik UGM dengan Menggunakan Seismometer. Program Pascasarjana Jurusan Teknik Sipil dan Lingkungan. Universitas Gadjah Mada. Yogyakarta.
- Kashima, T. 2014. *Dynamic Behaviour OF AN Eight-Strey SRC Building Examined From Strong Motion Records. 2004.13<sup>th</sup> World Conference on Earthquake Engineering. No.196*

- Kurita K, Aoki S., Natori I. 2015. *Vibration Characteristics of a Building Structure from a Natural Frequency Point of View*. International Journal of Engineering Research and Applications. ISSN:2248-9622. Vol. 5, No. 5, pp 92-97.
- M Moisiidi., F Vallianatos., J Makris., P Soupios., M.I Nikolintaga. 2004. *Estimatin of Seismic Response of Historical and Monumental Sites Using Microtremors:A Case Study in the Ancient Aptera, Chania, (Greece)*. Bulletin of the Geological Society of Greece. Vol. XXXVI.
- Nakamura, dkk.(2000),” *VULNERABILITY INVESTIGATION OF ROMAN COLOSSEUM USING MICROTREMOR*”.Prepared for 12<sup>th</sup> WCEE 2000 in Auckland, NZ. 2660/6/A
- Nakamura , dkk. (2003), *Development of Vulnerability Assessment Models Using Microtremor/Strong Motion*.
- Priyosulistiyono, H. (2014), *Analisis Dinamik Struktur*. Diktat Ajar Mata Kuliah Analisis Dinamik Struktur Pascasarjana Jurusan Teknik Sipil dan Lingkungan.Universitas Gadjah Mada.Yogyakarta.
- Satyarno, I. 2013. *Dasar – dasar Teknik Gempa*. Jurusan Teknik Sipil dan Lingkungan Universitas Gadjah Mada.
- Shuang Li, dkk.,(2017). *Comparison of static pushover and dynamic analyses using RC building shaing table experiment*.
- Suhendro, Bambang. (2000), *Teori model struktur dan teknik eksperimental*. Beta Offset, Yogyakarta
- Sungkono, Warnana, Dwa D., Triwulan, Utawa W. 2011. *Evaluatin of Buildings Strength from Microtremor Analyses*. International Journal of Civil & Environmental Engineering. Vol. 11, No. 05.
- Tagel-din, H, Meguro K. 2000. *Analysis of a small scale RC building subjected to shaking table tests ysing applied element method*.
- Widodo. (2000). *Respons Dinamik Struktur Elastik*. Penerbit UII Press. Yogyakarta.



**ANALISIS KEKUATAN MODEL STRUKTUR 3D TERHADAP MODIFIKASI BEBAN GEMPA EL CENTRO  
EAST-WEST MENGGUNAKAN  
SHAKING TABLE (Studi Numerik dan Eksperimental)**

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