

DAFTAR REFERENSI

- [1] Chopra, A.K. (2000). *Dynamics of Structures* (2nd ed). Prentice Hall, New Jersey.
- [2] He, J & Fu, Z.F. (2001). *Modal Analysis*. Butterworth-Heinemann, Oxford
- [3] Dovel, G. (1989). Modal Analysis:A Dynamic Tool for Design and Troubleshooting. *Mechanical Engineering*, 111, 3, *ProQuest Science Journals* Pg. 82-86.
- [4] Alnefaie, K.A. (2004). A Finite Element Analysis of Idealized Damage in Beam Structures. *Proceedings of Institution of Mechanical Engineers*, 218, 9, *ProQuest Science Journals* Pg.921-929.
- [5] Amziane, S. & Dubé, J.F. (2008) Global RC Structural Damage Index Based on The Assessment of Local Material Damage. *Journal of Advanced Concrete Technology* Vol.6, No. 3, 459-468.
- [6] Cakmak A.S. & DiPasquale E. (1990). Seismic Damage Assessment Using Linier Models. *Soil Dynamics and Earthquake Engineering*, 1990, Vol. 9, No. 4 (194-215).
- [7] Trifonov, O.V. (2009). Modelling of Damage Accumulation and Failure of Structural Members Subjected to Strong Seismic Actions. *Computational Mechanics*, 44: 505-518.
- [8] Djugaswara, D. (1999, January). *Penelitian Sifat Sendi Plastis pada Sambungan Balok dan Kolom Struktur Beton Bertulang*. Skripsi Jurusan Sipil FTUI.
- [9] *CSI Analysis Reference Manual for SAP 2000, ETABS, SAFE*, 2008, CSI : Computers and Structures.Inc.
- [10] Ge, M. & Lui, E.M. (2005). **Structural Damage Identification Using System Dynamic Properties**. *Journal Computers and Structures*, 83, **2185-2196**.
- [11] Williams M.S. & Blakeborough A. (2001). LaboratoryTesting Under Dynamic Loads: an introductory review. *Philosophical Transactions of The Royal Society London*, (359),1651-1669.
- [12] McConnel, K.G. (2001). Modal Testing. *Philosophical Transactions of The Royal Society London*, (359),11-28.

- [13] Oliveira C.S. & Navarro, M. (2009). Fundamental Periods of Vibration of RC Buildings in Portugal from In-situ Experimental and Numerical Techniques. *Bulletin of Earthquake Engineering*, DOI 10.1007/s10518-009-9162-1.
- [14] Kim C.Y, Jung D.S, Kim N.S, Kwon S.D & Feng M.Q. (2006). Effect of Vehicle Weight on Natural Frequencies of Bridges Measured from Traffic-Induced Vibration. *Earthquake Engineering and Engineering Vibration* Vol.2 No.1 June 2006, 109-115.
- [15] Bayraktar A, Türker T, Sevim B, Altunisik A.C. & Yildirim F. (2009). Modal Parameter Identification of Hagia Sophia Bell-Tower via Ambient Vibration Test. *Journal of Nondestructive Evaluation* 28:37-47.
- [16] Inman D.J. (2008). *Engineering Vibration (3rd ed)*. Pearson Education Inc., New Jersey.
- [17] McConnel K.G. & Varoto P.S. (2008). *Vibration Testing : Theory and Practice*. John Wiley & Sons, Inc., New Jersey.
- [18] Trifunac, M.D. (1972). Comparison Between Ambient and Forced Vibration Experiments. *Earthquake Engineering and Structural Dynamics*. Vol.1, 1972, pp.133-150.
- [19] Ivanovic S.S, Todorovska M.I & Trifunac M.D. (2000, December). Ambient Vibration Tests of Structures-A Review. *ISET Journal of Earthquake Technology*. Paper No. 407, Vol. 37, No.4, pp. 165-197.
- [20] Zhang L, Tamura Y, Yoshida A, Cho K, Nakata S & Naito S. (2002, February 2-5). Ambient Vibration Testing & Modal Identification of An Office Building. *Proceeding of The 20th Interntional Modal Analysis Conference*, Los Angeles, USA.
- [21] *Guidelines for Structural Health Monitoring-Design Manual no.2*. (2001, September). The Canadian Network of Centres of Excellence on Intelligent Sensing for Innovative Structures.
- [22] Gautier P. E. (2007-2008). *Mécanique II – Mécanique des Structures*, Ecole Centrale Paris.

- [23] Felippa, C. (2009). *Introduction to Finite Element Methods* (Lectures), Departement of Aerospace Engineering Sciences, University of Colorado at Boulder. Diakses 4 Juni 2010
<http://www.colorado.edu/engineering/cas/courses.d/IFEM.d/>
- [24] Young W. K. & Hyochoong B. (1997). *The Finite Element Method Using Matlab*. CRC Press

