



REFERENCES

- Agilent Technologies, 2000. *The Fundamental of Signal Analysis*. Agilent Technologies ed. United States, USA: 4.
- AISC, 1997. *Floor Vibrations Due to Human Activity*. Steel Design Guide Series 11 ed. United States of America: American Institute of Steel Construction, Inc..
- Bachmann, H., 1992. Case Studies of Structures with Man-induced Vibrations. *Journal of Structural Engineer*, 118(3), pp. 631-647.
- Bachmann, H. & Ammann, W., 1987. *Vibrations in Structures Induced by Man and Machines*. Zurich: International Association for Bridge and Structural Engineering.
- Bachmann, H. et al., 1995. *Vibration Problems in Structures; Practical Guidelines*, Berlin: Birkhauser Verlag.
- Brue & Kjaer, 1988. Part 1. Mechanical Mobility Measurements. In: *Structural Testing*. Naerum, Denmark: s.n., pp. 1-47.
- Brue & Kjaer, 1989. *Human Vibration*. Revision November 1989 ed. Naerum, Denmark: Brue & Kjaer.
- Chen, X.W. et al., 2008. The Research of Time-History Response Analysis of Floor Vibration Based on Simulation of Group Walking. *Proceedings of First International Conference of Modelling and Simulation, Vol Vi: Modelling and Simulation in Architecture, Civil Engineering and Materials*, pp.214–220. Available at: <Go to ISI>://WOS:000259598800039.
- Chinedu, E. E. & Oji, U. C., 2008. *Simulation of Solutions to Excessive Vibration Problems of Pedestrian Footbridges*, Karlskrona, Sweden: Blekinge Institute of Technology.
- Costa, Y. & Araujo, T., 2014. Evaluation of Dynamic Behaviour of Waffle Slab to Gym Center. *Latin American Journal of Solids and Structures*, Volume 11, pp. 1114-1131.
- Couvreur, C., n.d. Implementation of One-Third-Octave Filter Bank in Matlab. *Applied Acoustics*.
- Ellis, B. & Ji, T., 2004. *The Response of Structures to Dynamic Crowd Loads*, London: BRE Center for Structural Engineering.
- Ellis, B., Ji, T. & Littler, J., 2000. *The Response of Grandstands to Dynamic Crowd Loads*. s.l., Proc. Instn Civ. Engrs, Structs Bldgs.
- Hanbisa, E. T., 2012. *Test and Finite Element Analysis of Prestressed Concrete Frame Structure with Long Span*, Wuhan: Wuhan University of Technology.



- Ji, T. & Ellis, B., 1994. Floor Vibration Induced by Dance-Type Loads: Theory. *The Structural Engineer*, 72(Feb 1st, 1994), pp. 37-44.
- Liu, D. & Davis, B., 2014. Walking Vibration Response of High-Frequency Floors Supporting Sensitive Equipment. *J. Struct. Eng.*, Issue 04014199, pp. 1-10.
- Li, W., Wong, C., Leung, M. & Fung, S., 2011. Floor Vibration due to Human Rhythmic Activities. *Procedia Engineering*, 14(Elsevier Ltd.), p. 3285–3292.
- Museros, P. & Martinez-Rodrigo, M., 2007. Vibration Control of Simply Supported Beams under Moving Loads Using Fluid Viscous Dampers. *Journal of Sound and Vibration*, Volume 300, pp. 292-315.
- Pavic, A. & Reynolds, P., 2002. *Vibration Serviceability of Long-Span Concrete Building Floors: Part 2 - Review of Mathematical Modelling Approaches*, Sheffield: University of Sheffield.
- Ramsey, K. A., 1983. Experimental Modal Analysis, Structural Modifications and FEM Analysis on a Desktop Computer. *Sound and Vibration*, pp. 1-10.
- Salyards, K. A., 2013. *Factors to Consider in Design for Rhythmic Crowd Loading for Vibration Serviceability*. s.l., ASCE.
- Shreve, D. H., 1995. *Signal Processing for Effective Vibrarion Analysis*. Columbus: IRD Mechanalysis, Inc..
- Silva, J. G. S. et al., 2012. An Analysis of the Beam-to-Beam Connections Effect and Steel-Concrete Interaction Degree Over the Composite Floors Dynamic Response. In: F. Beltran-Carbajal, ed. *Advances in Vibration Engineering and Structural Dynamics*. Rio de Janeiro-RJ, Brazil: s.n.
- Sladki, M. J., 1999. *Prediction of Floor Vibration Response Using the Finite Element Method*, Blacksburg, Virginia: Virginia Polytechnic Institute and State University.
- Supriyadi, B., Suhendro, B., Priyosulistyo, H. & Satyarno, I., 2001. *Pengaruh Beban Hidup Dinamik pada Struktur Lantai Gedung Berbentang Panjang*, Sleman, D.I. Yogyakarta: Universitas Gadjah Mada.
- Taylor P. Douglas, 2013. *History , Design , and Applications of Fluid Dampers in Structural Engineering*, North Tonawanda: Taylor Devices Inc..
- Taylor, D. P., 2002. *Damper Retrofit of the London Millennium Footbridge - A Case Study in Biodynamic Design*, North Tonawanda, NY: Taylor Devices, Inc..
- Xuewei, C. et al., 2008. *The Research of Time-History Response Analysis of Floor Vibration Based Simulation of Group Walking*. Nanjing, P. R. China, First International Conference on Modelling and Simulation.