

## BIBLIOGRAPHY

- AITC, 2012. *Timber Construction Manual*. 6th ed. Hoboken, New Jersey: John Wiley & Sons, Inc.
- Anshory, A., 2014. *Proyek Pembangunan Rusunawa Sleman - Asrama Mahasiswa Universitas Gadjah Mada*. Construction Observation Report. Yogyakarta: Universitas Gadjah Mada.
- ANSI/APA, 2012. *PRG 320 : Standard for Performance-Rated Cross-Laminated Timber*. ANSI/APA.
- Baird, A., Smith, T., Palermo, A. & Pampanin, S., 2014. Experimental and numerical Study of U-shape Flexural Plate (UFP) dissipators. In *New Zealand Society of Earthquake Engineering (NZSEE) Conference Proceeding.*, 2014.
- Blass, H.J. & Fellmoser, P., 2004. Design of solid wood panels with cross layers. In *Proceedings of the 8th World Conference of Timber Engineering*. Lahti, Finland, 2004.
- Breneman, S., 2014. *CLT Floor Design: Strength, Deflection and Vibrations*. [Online] Woodworks Available at: <http://www.woodworks.org> [Accessed 11 March 2016].
- BSN, 2012. *SNI 1726:2012 - Tata cara perencanaan ketahanan gempa untuk gedung dan non gedung*. Indonesia: Badan Standardisasi Nasional.
- Buchanan, A. et al., 2008. Multi-Storey Prestressed Timber Building. *Structural Engineering International, Journal of the International Association for Bridge and Structural Engineering (IABSE)*, 18(2), pp.166-73.
- Chopra, A.K., 2012. *Dynamics of Structures - Theory and Applications to Earthquake Engineering*. 4th ed. Upper Saddle River: Prentice Hall.
- CSI America, 2015. *Modelling different types of tendon*. [Online] Available at: <http://wiki.csiamerica.vom/display/kb/Modelling+different+types+of+tendons> [Accessed 6 Juni 2016].

Devereux, C.P., Holden, T.J., Buchanan, A.H. & Pampanin, S., 2011. NMIT Arts & Media Building - Damage Mitigation Using Post-tensioned Timber Walls. In *Proceedings of the Ninth Pacific Conference on Earthquake Engineering, Building and Earthquake-Resilient Society*. Auckland, New Zealand, 2011.

Dunbar, A.J.M., 2014. *Seismic Design of Core-Wall Systems for Multi-Storey Timber Buildings*. Master Thesis. Christchurch, New Zealand: Department of Civil and Natural Resources Engineering, University of Canterbury.

Fellmoser, P. & Blass, H.J., 2004. Influence of rolling shear modulus on strength and stiffness of structural bonded timber elements. In *Proceedings of CIB-W18 Meeting*. Edinburg, United Kingdom, 2004.

Gagnon, S. & Popovski, M., 2011. Chapter 3 - Structural. In S. Gagnon & C. Pirvu, eds. *CLT Handbook*. Canadian ed. Vancouver BC: FPInnovation.

Kelly, J.M., Skinner, R.I. & Heine, A.J., 1972. Mechanisms of Energy Absorption in Special Devices for Use in Earthquake Resistant Structure. *Bulletin of N.Z. Society for Earthquake Engineering Vol. 5 No. 3*, September.

Leichti, R.J., Hyde, R.A., French, M.L. & Camillos, S.G., 2000. The Continuum of Connection Rigidity in Timber Structures. *Wood and Fiber Science*, 32(1), pp.11-19.

McGuire, J., 1995. *Notes on SemiRigid*. [Online] Available at: <http://femci.gsfc.nasa.gov/semirigid/> [Accessed 6 June 2016].

Moroder, D., 2016. *FLOOR DIAPHRAGMS IN MULTI-STOREY TIMBER BUILDINGS*. PhD Thesis. Christchurch, New Zealand: University of Canterbury.

Moroder, D., Buchanan, A.H. & Pampanin, S., 2013. Preventing seismic damage to floors in post-tensioned timber frame buildings. In *New Zealand Society of Earthquake Engineering (NZSEE) Proceeding.*, 2013.

Newcombe, M.P., 2011. *Seismic Design of Post-Tensioned Timber Frame and Wall Buildings*. PhD Thesis. Canterbury, New Zealand: University of Canterbury.

Palermo, A., 2004. Use of Controlled Rocking in the Seismic Design of Bridges. In *13th World Conference on Earthquake Engineering*. Vancouver, B.C., Canada, 2004.

Palermo, A. et al., 2006. Code Provisions for Seismic Design of Multi-Storey Post-Tensioned Timber Buildings. In *Proceeding of CIB-W18 meeting 39*. Florence, Italia, 2006.

Palermo, A. et al., 2012. From Theory to Practice: Design, Analysis and Construction of Dissipative Timber Rocking Post-Tensioning Wall System for Carterton Events Centre, New Zealand. In *Proceeding of 15th World Conference of Earthquake Engineering*. Lisboa, Portugal, 2012.

Pampanin, S., Priestley, M.J.N. & Sritharan, S., 2001. Analytical Modelling of the Seismic Behaviour of Precast Concrete Frames Designed with Ductile Connections. *Journal of Earthquake Engineering*, 5(3), pp.329-67.

Priestley, M.J.N., Calvi, G.M. & Kowalsky, M.J., 2007. Direct Displacement-Based Seismic Design of Structures. In *New Zealand Society of Earthquake Engineering (NZSEE) Conference Proceedings*. Palmerston North, NZ, 2007.

Puskim PU, 2011. *Desain Spektra Indonesia*. [Online] Available at: [http://puskim.pu.go.id/Aplikasi/desain\\_spektra\\_indonesia\\_2011/](http://puskim.pu.go.id/Aplikasi/desain_spektra_indonesia_2011/) [Accessed 6 April 2016].

Sarti, F., 2015. *Seismic Design of Low-Damage Post-Tensioned Timber Wall Systems*. PhD Thesis. Christchurch, New Zealand: University of Canterbury.

Sarti, F., Palermo, A. & Pampanin, S., 2015. Comparison of Force-Based and Displacement-Based seismic design of dissipative post-tensioned rocking timber wall systems. In *New Zealand Society of Earthquake Engineering (NZSEE) Proceeding.*, 2015.

Sarti, F., Palermo, A., Pampanin, S. & Berman, J., 2014. EVALUATION OF THE SEISMIC PERFORMANCE FACTORS OF POST-TENSIONED TIMBER

WALL SYSTEMS. In *Proceeding of Second European Conference on Earthquake Engineering and Seismology*. Istanbul, 2014.

Satyarno, I., Nawangalam, P. & Pratomo, R.I., 2012. *Belajar SAP2000 Analisis Gempa*. Yogyakarta: Zamil Publishing.

Selian, A.Z.P.S., 2015. *Redesain Struktur Bangunan Asrama Kinanti dengan Menggunakan Beton Pracetak (Precast Concrete)*. Final Assignment. Yogyakarta: Universitas Gadjah Mada Universitas Gadjah Mada.

Smith, T., 2014. *Post-tensioned Timber Frames with Supplemental Damping Devices*. PhD Thesis. Christchurch, New Zealand: University of Canterbury.

Yasumura, M. et al., 2015. Full-Scale Tests and Numerical Analysis of Low-Rise CLT Structures under Lateral Loading. *Journal of Structural Engineering ASCE*, E4015007.