

## REFERENCE LIST

- Abdalla, K. M. and Chen, W. F. (1995). *Expanded Database of Semi-Rigid Steel Connections*. Computer And Structures. Vol. 56, No. 4, pp. 553-564.
- Brettell, M. E. (2009). *Steel Building Design: Worked Examples – Open Sections, In accordance with Eurocodes and the UK National Annexes*. The Steel Construction Institute.
- British Standards Institution BS 5950-1. (2000). *Structural Use of Steelwork in Building Part1: Code of practice for Design – Rolled and welded Sections*. London: British Standards Institution.
- Chen, W. F. and Kishi, N. (1989). *Semi-rigid Steel Beam-to-Column Connections: Database and Modelling*. Journal of Structural Engineering. Vol. 115, No. 1, pp. 105-119.
- Davison, B. & Owens, G.W. (2012). *Steel Designers' Manual (7th ed.)*. UK: Wiley Blackwell.
- de Carvalho, L.C.V., de Andrade, S.A.L., & Vellasco, P.C.G.S. (1998). *Experimental Analysis of bolted semi rigid steel connections*. Journal of Constructional Steel Research, 46(1-3), 238-240.
- de Lima L.R.O., da Silva, J.S., Vellasco, P.C.G. da S & de Andrade, S.A.L. (2004). *Experimental evaluation of extended end plate beam to column joints subjected to bending and axial force*. Engineering structures, 26(10), 1333-1347.
- Eurocode 3, PrEN 1993-1-8:2003, Part 1.8: design of joints, Eurocode 3: design of steel structures, Stage 49 draft, 5 May 2003. Brussels: CEN, European Committee for Standardisation; 2003.
- Eurocode 3. ENV- 1993-1-1:1992/A2, Annex J, design of steel structures - joints in building frames. Document CEN/TC 250/SC3. Brussels: CEN, European Committee for Standardisation; 1998.
- Heywood M. D. & Lim J. B. (2003). *Steel design guide to BS 5950-1: Volume2: Worked examples*. The Steel Construction Institute.
- MacGinley T.J. (1998). *Steel Structures – Practical Design Studies (2nd Ed.)* London: E & FN SPON.
- Morris L. J. & Plum D.R. (1998). *Structural steelwork design to BS 5950 (2nd Ed.)* England: Addison Wesley Longman.
- Owens, G.W. & Cheal, B.D. (1989). *Structural Steelwork Connections*. London: Butterworth.
- Ray, S.S. (1998). *Structural Steelwork - Analysis and Design*. London: Blackwell Science.

- Shi, Y., Shi, G., & Wang, Y. (2007). *Experimental and Theoretical Analysis of Moment Rotation behavior of stiffened extended end plate connections*. Journal of constructional steel research, 63(9), 1279-1293.
- Tahir, M.Md., & Hussein, M.A. (2008). *Experimental Tests on Extended End- plate Connections with Variable Parameters*. Steel Structures, 8 (2) 369-381.
- Tahir, M.Md., Hussein, M.A., Sulaiman, A., & Mohamed, S. (2009). *Comparison of Component method with Experimental Tests for Flush End –Plate Connections using Hot Rolled Perwaja Steel Sections*. Steel Structures, 9(2), 161-174.
- Tan, E, H. (2006). *Behavior and Strength study on Steel Semi Rigid Connections using Lusas*. Universiti Teknologi Malaysia, Malaysia.
- The Steel Construction Institute and the British Constructional Steelwork Association Ltd. (1995). *Joints in steel construction- moment connections*. Ascot, SCI/BCSA
- Vinnakota,S. (2006) . Steel Structures; Behavior and LRFD. MacGrow-Hill, Inc.
- Velasco, P.C.G. da S., de Andrade, S.A.L., da Silva, J.G.S., de Lima L.R.O., & Brito,O. (2005). *A parametric analysis of steel and composite portal frames with semi-rigid connections*. Engineering structures, 28(4), 543-556.



University of Moratuwa, Sri Lanka.  
Electronic Theses & Dissertations  
[www.lib.mrt.ac.lk](http://www.lib.mrt.ac.lk)