

References

BS 5950: Part 1: 1990, Structural Use of Steelwork in Building, British Standard Institute.

Davies, J.M.,(1990), In plane stability in portal frames, The structural engineer, Volume 68, pp 141 – 146

Davis J.M., Brown B.A., (1996), ‘Plastic design to BS 5950’, The steel construction institute.

Design of Steel Structures (2004), Lecture Notes for the M.Eng./P.G. Dip. Course conducted by Structural Division, Department of Civil Engineering, University of Moratuwa.

Douglas I.F. (1969), An introduction to dimensional analysis for engineers, Pitman Press, London.



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Dowling. P.J., Mears T.F., Owens G.W., Raven G.K.(1982) , ‘A development in the automated design and fabrication of portal framed industrial buildings’, A paper to be presented and discussed at a meeting of The Institute of Structural Engineers, London.

Fraser D.J.,(1983) ‘Design of Tapered Member Portal frames’, Journal of Construction Steel Research: Vol. 3, No. 3.

Graham W. Owens, Peter R. Knowle, (1992) ‘Steel Designers Manual’, Fifth edition. Blackwell Science.

Hald. A,(1952) Statical theory with engineering applications, John Wiley and sons, New York.

Heldt T.J., Mahendran M., (December 1998). 'Full scale experiments of a Steel portal frame Building' Journal of the Australian Steel Institute, Vol. 32 Number 4,

Lecture 14.2: Analysis of Steel Portal Frames:
<http://www.kuleuven.ac.be/bwk/materials/Teaching/Master/wg14/10200.htm> 13-09-2004

Li J.J., Li G.Q.,(2002), 'Large Scale Testing of Steel Portal Frames Comprising Tapered Beams and Columns', Advances in Structural Engineering, Vol. 5, No. 4.

Li J.J., Li G.Q.,(2004), 'Reliability – based integrated design of steel portal frames with tapered members', Structural Safety, Elsevier, pp 221 - 239

MacGinley T.J., Ang T.C. (1992), 'Structural steel works, Design to Limit State Theory' Second edition, BUTTERWORTH HEINEMANN, pp 353-390.

MacGinley T.J., 'Steel Structures Practical Design Studies' (1998), Second edition, E & EN SPON, pp 67-90.



Moris L.J., (1982), 'A commentary on portal frame design', A paper to be presented and discussed at a meeting of The Institute of Structural Engineers, London.

Perera K.L.P.D. (2002). 'Optimum Design of Steel Portal Frame Structures', M.Eng, Dissertation, Department of Civil Engineering, University of Moratuwa.

Weerathunga A.N. (2003), 'Optimum Design of Steel Plate Girders', M.Sc Dissertation, Department of Civil Engineering, University of Moratuwa, 2003.

Woolcock S.T. and Kitiponachi. S, (1987), Survey of deflection limit for portal frames in Australia, J. Construct, Steel Research, pp 399-417.