

REFERENCES

1. Luo, R. and Edlund, B., “Numerical simulation of shear tests on plate girders with trapezoidally corrugated webs”, *Division of Steel and Timber Structures*, Chalmers University of Technology, Sweden, Vol. 26, Issue 1, 1995, pp. 19-44.
2. Luo, R. and Edlund, B., “Strength of Plate Girder with Trapezoidally Corrugated Webs in Shear or under Patch Loading”, *Nordic Steel Construction Conference*, 1995, pp. 79-86.
3. Luo, R. and Edlund, B., “Shear Capacity of Plate Girders with Trapezoidally Corrugated Webs”, *Thin-Walled Structures*, Vol. 26, No.1, 1996, pp. 19 – 44.
4. Elgaaly, M., Anand Seshadri, “Depicting the behavior of girders with corrugated webs up to failure using non-linear finite element analysis”, *Advances in Engineering software*, Vol. 29, 1998, No. 3-6, pp. 195-208.
5. Chan, C.L., Khalid, Y.A., Sahari, B.B., Hamouda, A.M.S. “Finite element analysis of corrugated web beams under bending”, *Journal of Constructional Steel Research*, Vol. 58, 2002, pp. 1391-1406.
6. Khalid, Y.A., Chan, C.L., Sahari, B.B., “Bending Behaviour of Corrugated Web Beams”, *Journal of Materials Processing Technology*, Vol. 150, 2004, pp. 242–254.
7. Sayed-Ahmed E. Y. PhD, MSc, MCSCE, MIABSE. “Lateral torsion-flexure buckling of corrugated web steel girders”. *Proceedings of the Institution of Civil Engineers Structures & Buildings*, February 2005, pp. 53–69.
8. Ezzeldin Yazeed Sayed Ahmed, “Lateral Torsion-Flexure Buckling of Corrugated Web Steel Girders”, *The Institution of Civil Engineers Structures & Buildings*, Vol. 158, 2005, pp. 53–69.

9. Abbas H.H, Sause R, Driver RG. "Behavior of corrugated web I-girders under in- plane loading". *Journal of Structural Engineering*, ASCE , Vol. 132(8), 2006, pp. 806-814.
10. Sherif A.Ibrahim, Wael W. EI-Dakhakhni, and Mohamed Elgaaly, "Behavior of bridge girders with corrugated webs under monotonic and cyclic loading", *Engineering Structures*, Vol. 28, 2006, pp. 1941-1955.
11. Hassan H.Abbas, and Robert G.Driver, "Simplified analysis of flange transverse bending of corrugated Web Girders under In-Plane Moment and Shear". *Engineering Structures*, Vol. 29, 2007, pp. 2816-2824.
12. Abbas H Sause, R. and Robert G. Driver "Analysis of Flange Transverse Bending of Corrugated Web I-Girders under In-Plane Loads." *Journal of Structural Engineering.*, Vol. 133(3), 2007, pp. 347–355.
13. Ezzeldin Yazeed Sayed-Ahmed, "Design Aspects of Steel I-Girders with Corrugated Steel Webs", *Electronic Journal of Structural Engineering*, Vol. 7. 2007, pp. 27-40.
14. Jongwon Yi, Heungbae Gil, "Interactive Shear Buckling Behaviour of Trapezoidally Corrugated Steel Webs", *Engineering Structures*, Vol. 30, 2008, pp. 1659–1666.
15. Jiho Moon, Jong – Won Yi, "Lateral–Torsional Buckling of I-Girder with Corrugated Webs Under Uniform Bending", *Thin-Walled Structures*, 2009, Vol. 47, pp. 21–30.
16. Balazs Kovesdi and Laszlo Dunai, "Patch loading resistance of girders with corrugated webs", PhD Dissertation, *Budapest University of Technology and Economics*.
17. Fatimah Denan, Mohd Hanim Osman & Sariffuddin Saad , "The Study of lateral torsional buckling behaviour of beam with trapezoid web steel section by experimental and finite element analysis", *International Journal of Research and Reviews in Applied Sciences*, Vol. 2 (3) , March 2010, pp. 232-240.
18. Hartmut Pasternak and Gabriel Kubieniec, "Plate girders with corrugated webs" *Journal of Civil Engineering and Management*, Vol. 16(2), 2010, pp. 166–171.

19. Kazemi Nia Korrani, H.R and Molanaei, S., "The Effects of the Corrugation Profiles of the Web on the Lateral-Torsional Buckling Strength of the Inelastic I-Girder" *World Applied Sciences Journal*, Vol. 8 (5), 2010, pp. 527-530.
20. Kiymaz, G., Coskun, E., Cosgun, C. and Seckin, E., "Transverse load carrying capacity of sinusoidally corrugated steel web beams with web openings", *Steel and Composite Structures*, Vol. 10, Jan 2010, pp. 69-85.
21. Kazemi nia korrani, "Lateral Bracing of I-Girder with Corrugated Webs Under Uniform Bending", *Journal Of Constructional Steel Research*, Vol. 66, 2010, pp 1502- 1509.
22. Ngoc Duong Nguyen, Seung-Ryong Han, Gyu-Sei Lee and Young-Jong Kang, "Moment modification factor of I-girder with trapezoidal-web-corrugations considering concentrated load height effects" *Journal of Constructional Steel Research*, Vol. 67(11), 2011, pp. 1773-1787.
23. Fatimah Denan and Nor Salwani Hashim, "The Effect of Web Corrugation Angle on Bending Performance of Triangular Web Profile Steel Beam Section". *International Journal of Energy Engineering*, Vol. 2, No.1, 2012, pp. 1-4.
24. Amir Shahmohammadi, R. Mirghaderi, Mohammad Hajsadeghi and M. Khanmohammadi, "Application of corrugated plates as the web of steel coupling beams", *Journal of Constructional Steel Research*, Vol. 85 (2013), pp178-190.
25. Fatimah Denan, MusniraMustar, Adzhar Bin Hassan and Norbaya Omar, "Effect of Triangular Web Profile on the Shear Behaviour of Steel I-Beam", *Iranica Journal of Energy & Environment (Geo-hazards and Civil Engineering)*, 2013, pp. 219-222.
26. Fatimah Denan and Nor Salwani Hashim, "Experimental study on bending behaviour of triangular web profile steel beam section", *International Journal of Research in Engineering and Technology*, Vol. 02 Issue: 10 , Oct-2013, pp. 384 to 390.
27. Jiho Moon, Nam-Hyoung Lim and Hak-Eun Lee, "Moment gradient correction factor and inelastic flexural-torsional buckling of I-girder with corrugated steel webs", *Thin walled structures*, Vol. 62, Jan 2013, pp. 18-27.

28. Limaye, A.A and Alandkar, P. M, “Strength Of Welded Plate Girder With Corrugated Web Plate”, *Int. Journal of Engineering Research and Applications*, Vol. 3, Issue 5, Sep-Oct 2013, pp.1925-1930.
29. Mattias Larsson and John Persson, “Lateral-torsional buckling of steel girders with trapezoidally corrugated webs”, *Master of Science Thesis in the Master's Programme Structural Engineering and Building Technology*.
30. Sedky Abdullah Tohamy, Osama Mohamed Abu El Ela, AmrBakrSaddek and Ahmed Ibrahim Mohamed, “Efficiency of plate girder with corrugated web versus plate girder with flat web”, *Minia Journal of Engineering and Technology*, Vol. 32, No 1, January 2013, pp. 62-77.
31. Mohd Hanim Osman, Sarifuddin Saad, A.Aziz Saim and Goh Kee Keong, “ Structural Performance of Composite Beam with Trapezoid Web Steel Section”, *Malaysian Journal of Civil Engineering*, Vol.19(2), 2007, pp. 170-185.
32. Mahmood Md Tahir, Sulaiman A and Anis S,” Experimental Tests on Composite and Non-composite Connections Using Trapezoid Web Profiled Steel Sections”, *Steel Structures* Vol. 8, 2008, pp. 43-58.
33. Jun He ,Yuqing Liu, Zhaofei Lin, Airong Chen and Teruhiko Yoda, “Shear behavior of partially encased composite I-girder with corrugated steel web: Numerical study” *Journal of constructional steel research*, Vol. 79, Dec 2012, pp. 166-182.
34. Jun He, Yuqing Liu, Airong Chen, Dalei Wang and Teruhiko Yoda “Bending behavior of concrete-encased composite I-girder with corrugated steel web”, *Thin walled structures*, Vol. 74, Jan 2014, pp. 70-84.