



Professor Mohammad Mehdi Alinia

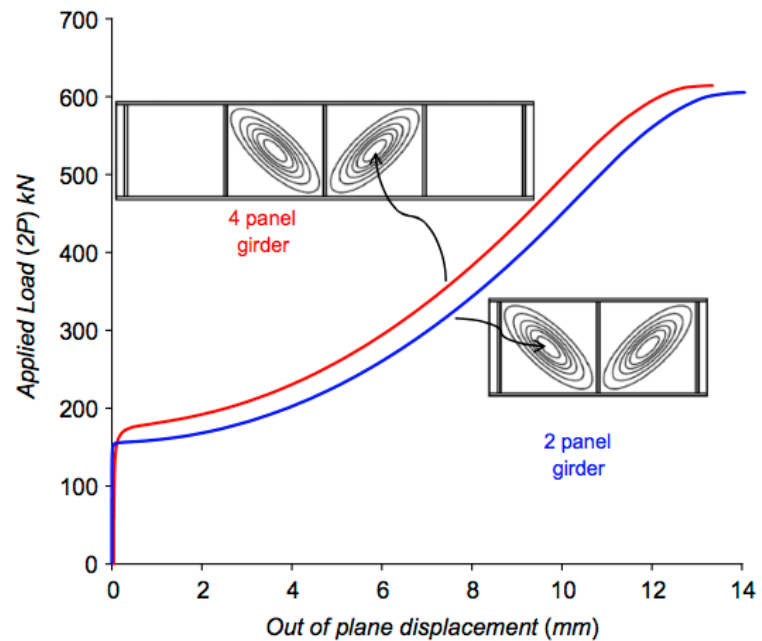


Fig. 3. Maximum out-of-plane displacement of a 2- and a 4-panel girder.

From: M.M. Alinia, A. Gheitasi and Maryam Shakiba (Dept. of Civil Engineering, Amirkabir University of Technology, Tehran, Iran), "Postbuckling and ultimate state of stresses in steel plate girders", *Thin-Walled Structures*, Vol. 49, pp 455-464, 2011

See:

http://civil.aut.ac.ir/Binary/UploadedFiles/2010-12-25/hkymiwtjnc_Dr%20Alinia%20CV.pdf

<http://civil.aut.ac.ir/Default.en-US,Civil,Content,SubSiteDetail,ID,118.aspx>

https://www.researchgate.net/profile/MM_Alinia

<https://scholar.google.com/citations?user=IODjc6AAAAAJ&hl=en>

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Education:

1975-1979: B.Sc. in Civil and Structural Engineering. Cardiff University, UK.

1975-1979: B.Sc. in Civil and Structural Engineering. Cardiff University, UK.

1981-1984: Ph.D. in Structural Engineering. Cardiff University, UK.

Selected Publications:

Alinia, M., 2005. A study into optimization of stiffeners in plates subjected to shear loading. *Thin-Walled Struct*, 43: 845-860.

GhannadPour, S. A. M., Alinia, M. M. (2006). Large deflection behavior of functionally graded plates under pressure loads. *Composite Structures* 75:67–71.

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Alinia, M. M., Ghannadpour, S. A. M. (2009). Nonlinear analysis of pressure loaded FGM plates. *Composite Structures* 88:354–359

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Mozhdeh Amani, B.L.O. Edlund and M.M. Alinia, “Buckling and postbuckling behavior of unstiffened slender curved plates under uniform shear”, *Thin-Walled Structures*, Vol. 49, No. 8, April 2011, pp. 1017-1031

Mehrdad Lotfollahi, Mohammad Mehdi Alinia, and Ertugrul Taciroglu, “Inelastic Buckling Simulation of Steel Braces through Explicit Dynamic Analyses”, *American Institute of Physics (AIP) Conf. Proc.* 1389, pp. 2012-2015; doi:<http://dx.doi.org/10.1063/1.3637010>, *Numerical Analysis And Applied Mathematics ICNAAM 2011*, 19–25 September 2011, Halkidiki, Greece

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