

Fig. 4. Lowest buckling mode in a channel-section column: a) experiment, b) FEM

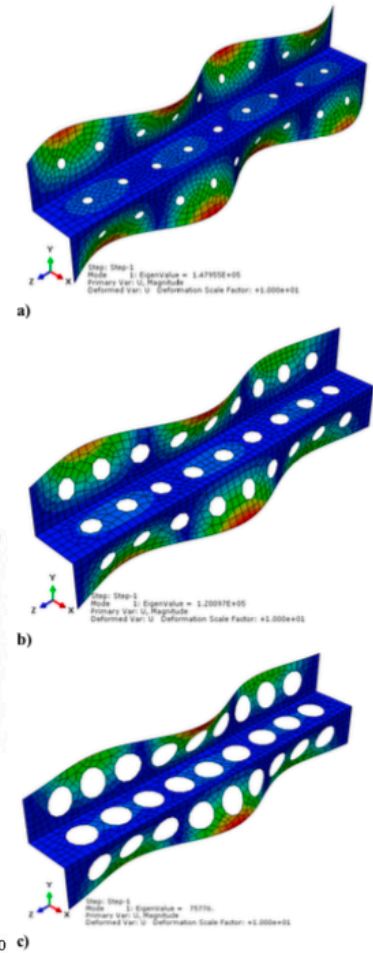


Fig. 5. Buckling mode for hole diameter: a) 5 [mm], b) 10[mm], c) 15[mm].

Dr. Katarzyna Falkowicz

The middle images above are from: P. Wysmulski, H. Dębski, P. Różyło, K. Falkowicz, “A study of stability and post-critical behaviour of thin-walled composite profiles under compression”, *Eksplot. I Niezawodn. - Maint. Reliab.*, 18 (2016), pp. 632-637

The right-most images above are from: Katarzyna Falkowicz, “Numerical analysis of behaviour of compressed thin-walled Z-profiles weakened by holes”, *MATEC Web of Conferences*, Vol. 252, Article 07010, 2019

See:

https://www.researchgate.net/profile/Katarzyna_Falkowicz
<https://scholar.google.pl/citations?user=Y2WZd4YAAAAJ&hl=pl>

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Selected Publications:

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