



Professor Eduardo M. Sosa

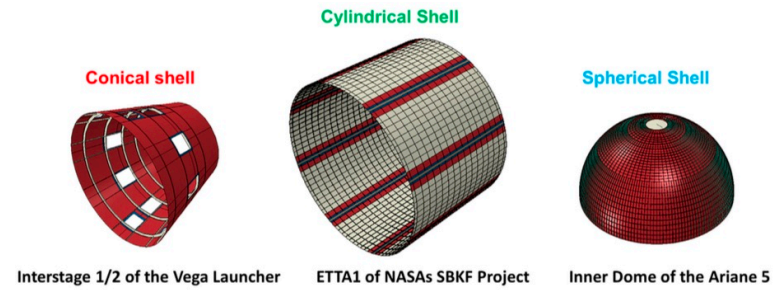


Fig. 1. Thin-walled shells as structural elements in launch-vehicle systems after [1].

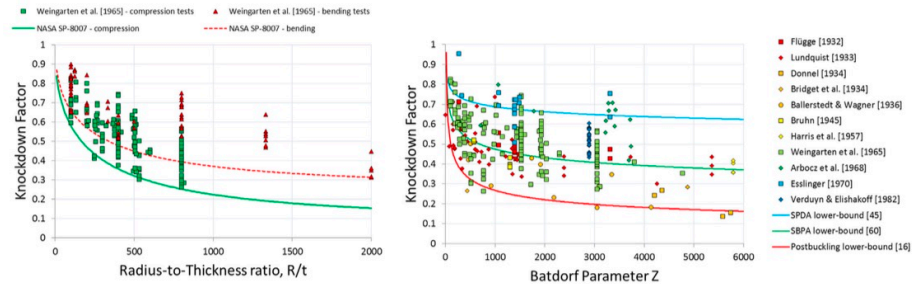


Fig. 2. Experimental knockdown factors for cylinders under axial compression (left) and pure bending (right).

From: H.N.R. Wagner, E.M. Sosa, T. Ludwig, J.G.A. Croll and C. Huehne, “Robust design of imperfection sensitive thin-walled shells under axial compression, bending or external pressure”, International Journal of Mechanical Science, Vol. 156, pp 205-220, June 2019

See:
https://www.google.com/search?hl=en-US&biw=&bih=&q=eduardo+m+sosa+west+virginia+university&oq=&aqi=&aql=&gs_l=https://www.statler.wvu.edu/files/d/e97c1f2d-7fea-496f-ad1b-02b7d015abbc/eduardo-sosa-curriculum-vitae.pdf
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Selected Publications:

H.N.R. Wagner, E.M. Sosa, T. Ludwig, J.G.A. Croll and C. Huehne, “Robust design of imperfection sensitive thin-walled shells under axial compression, bending or external pressure”, International Journal of Mechanical Science, Vol. 156, pp 205-220, June 2019
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Sosa, E. M., L.A. Godoy (2007), "Análisis Computacional del Pandeo de Paneles Cilíndricos bajo Presión Uniforme" (in Spanish) *Revista Internacional de Métodos Numéricos para Cálculo y Diseño en Ingeniería*, vol. 23(3), 319-334.

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