Dr. Takaya Kobayashi

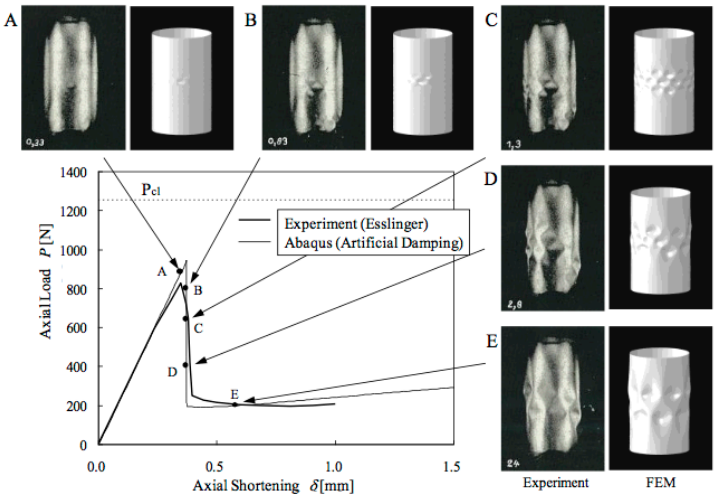

Figure 1 Comparison with Esslinger's high-speed photography [1, 2]

From: Yasuko Mihara and Takaya Kobayashi, "Post-buckling analysis of elastic and viscoelastic cylindrical shells, The 9th International Conference on the Mechanics of Time-Dependent Materials, (publisher and date not given in the pdf file. The most recent citation is dated 2014.)

Mechanical Design & Analysis Corporation, Tokyo, Japan

Selected Publications:

Takaya Kobayashi and Tomotaka Ogasawara, "Post-Buckling Analyses of Elastic Circular Cylindrical Shells Under Axial Compression", Paper no. PVP2005-71532 pp. 355-361, doi:10.1115/PVP2005-71532 , ASME 2005 Pressure Vessels and Piping Conference (PVP2005), July 17–21, 2005 , Denver, Colorado, USA Sponsor: Pressure Vessels and Piping Division, Volume 2: Computer Technology, ISBN: 0-7918-4187-1

Takaya Kobayashi and Yasuko Mihara, "Postbuckling Analyses of Elastic Cylindrical Shells under Axial Compression", 2009 SIMULIA Customer Conference

T. Kobayashi, Y. Mihara, and F. Fujii, Path-Tracing Analysis for Post-buckling Process of Elastic Cylindrical Shells under Axial Compression, Thin-Walled Structures, 61, pp. 180–187, 2012.

Yasuko Mihara and Takaya Kobayashi, "Post-buckling analysis of elastic and viscoelastic cylindrical shells, The 9th International Conference on the Mechanics of Time-Dependent Materials, (publisher and date not given in the pdf file. The most recent citation is dated 2014.)