



Professor Cyril Douthe

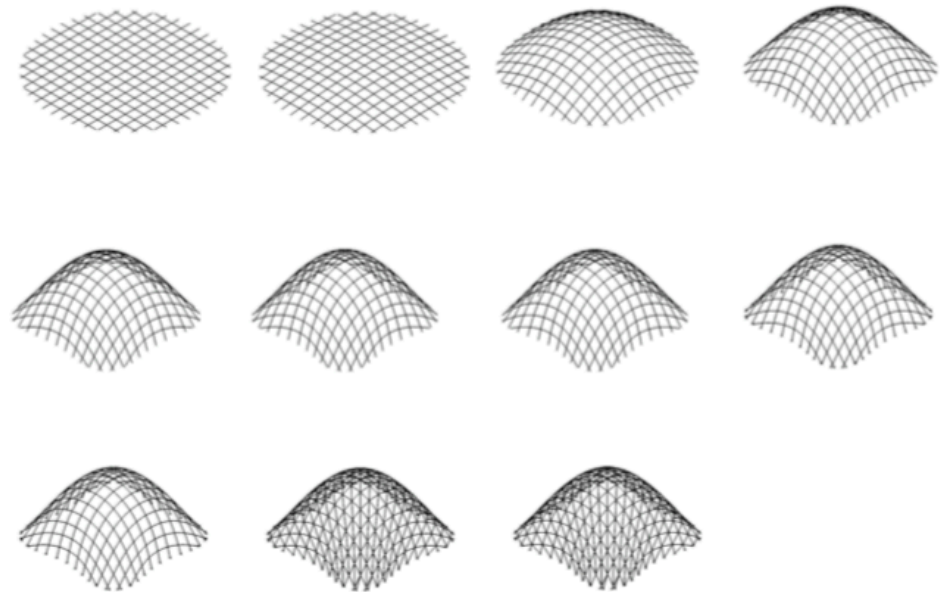


Fig. 1. Different steps of the form-finding of an elastic grid shell

From: Romain Mesnil, John Ochsendorf and Cyril Douthe, “Influence of the pre-stress on the stability of elastic grid shells”, Proceedings of the International Association for Shell and Spatial Structures (IASS) Symposium, Wrocław University of Technology, Poland, 23-27 September, 2013

See:

<https://designbydata.org/2014/09/04/cyril-douthe/>
<http://www.enpc.fr/cyril-douthe>

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Biography:

Cyril Douthe is Associate Professor at the Ecole des Ponts Paristech where he teaches structural mechanics and structural design. He is a member of the laboratoire Navier and is the webmaster of its portal dedicated to structures: thinkshell.fr. His researches focus on lightweight structures optimisation, structural morphogenesis and geometric non-linearities in structures. He was involved in 7 PhD and published 24 scientific papers. He is a member of the International Association for Shell and Spatial Structures.

Selected Publications:

C. Douthe, O. Baverel and J-F. Caron, Form-finding of a grid shell in composite materials, Journal of the International Association for Shell and Spatial structures, 40, 2006, p. 53-62.
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Cyril Douthe, Romain Mesnil, Hugo Orts and Olivier Baverel, "New shapes for elastic gridshells covered by planar facets", Proceedings of the IASS Annual Symposium, "Spatial Structures in the 21st Century, Tokyo, Japan, K. Kawaguchi, M. Ohsaki and T. Takeuchi (Editors), 26-30 September, 2016

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