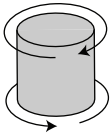
# KRESLING



**Natural Folding:**
*Opposing axial rotation and compression*

The discovery of the natural folding method can be attributed to Biruta Kresling [1]. The pattern is highly adaptable and has two primary forms, a spiral form that acts like a screw mechanism and an opposed form that results in a net-zero rotation during compression.


References:
1. Kresling, B. (2008). *Natural Twist Buckling in Shells: From the Hawkmoth's Bellows to the Deployable Kresling-Pattern and Cylindrical Miuraori*. In J. F. Abel & R. Cooke (Eds.), Proceedings of the 6th International Conference on Computation of Shell and Spatial Structures, IASS-IACM 2008.


https://orilab.art/natural/kresling

**mountain**

**valley**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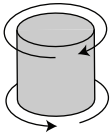

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