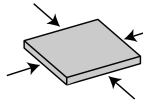


MIURA



Natural Folding:
*Bi-directional
compression*

Professor Koyro Miura discovered the Miura-ori and other folding patterns by simulating the crumpling of materials under compression from two directions [1]. However the pattern can be found over 400 years earlier in the origami-like collar seen in *Portrait of Lucrezia Panciatichi of Uffizi* by artist Bronzino [2].

References:

1. Miura, K. (1985). *Method of packaging and deployment of large membranes in space*. 31st Congr. Int. Astronaut. Federation, IAF- 80-A 31 Tokyo, 31st Congr. Int. Astronaut. Federation, IAF-80-A 31 Tokyo, 1–10.
2. *Portrait of Lucrezia Panciatichi*, oil on panel, Agnolo di Cosimo, Bronzino, circa 1545. Uffizi Gallery, Florence, Italy.



<https://orilab.art/natural/miura>

mountain

valley

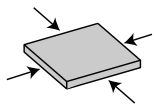


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