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Miura folding: applying origami to space exploration.

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Summary: Miura folding is famous all over the world. It is an element of the ancient Japanese tradition of origami and reaches as far as astronomical engineering through the construction of solar panels. This article explains how to achieve the Miura folding, and describes its application to maps. The author also suggests in this context that nature may abhor the right angle, according to observation of the wing base of a dragonfly.

Classification: A20 G40

Keywords: Miura folding; solar panels; similar diagrams; A and B paper size standards

<http://www.ijpam.eu/contents/2012-79-2/8/index.html>