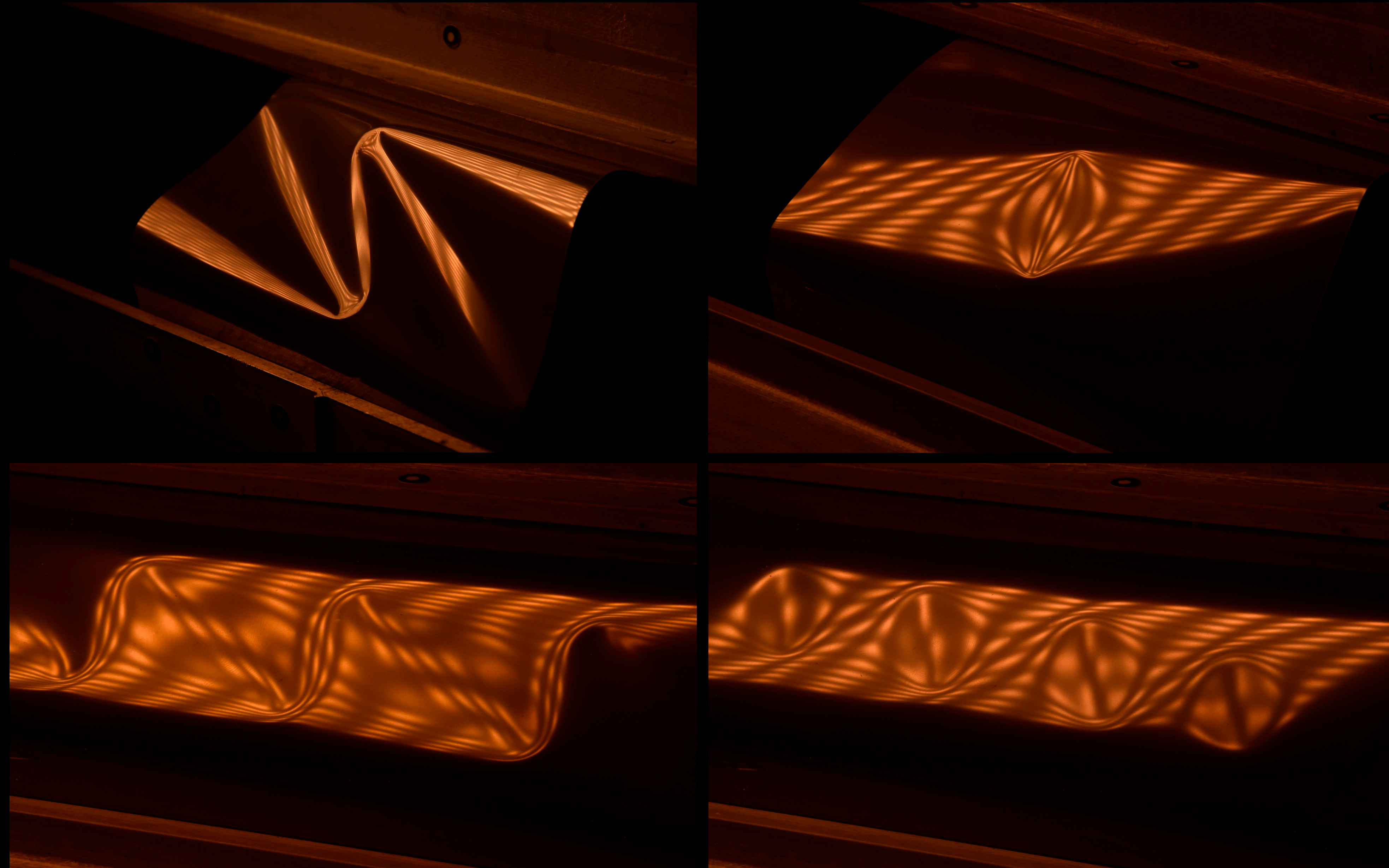


Crumple Lattices

S-ridges

O-valleys



Deformation in thin elastic sheets localizes into “crumples”. Here we emphasize the ridges and valleys connecting crumples and boundaries in a bent sheet.

The upper images show crumple pairs bound through either a ridge or a valley. The lower images show periodic arrays of either ridge or valley pairs.

P009

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