

Abstract Submitted
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Patterns on thin sheets: buckling, wrinkling, crumpling, folding
BENNY DAVIDOVITCH, University of Massachusetts — Recent experiments on thin sheets under various geometric confinements and distributions of exerted forces found a multitude of pattern types. I will discuss the possibility of classifying this diverse phenomenology by generalizing concepts of primary and secondary instabilities, and basic types of symmetry breaking.

Benny Davidovitch
University of Massachusetts

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