



EDITORS' SUGGESTION

Snap-buckling in asymmetrically constrained elastic strips

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Experiments show snap-buckling transitions in an elastic strip that is hinged on one side and clamped on the other. The authors find a discontinuous transition in the forces in the vicinity of the snap instability, and put forward a theory that describes the behavior observed in the experiments. They also hint at possible applications of these results for mechanical metamaterials, and as blueprints for materials with particular tensile and compressive properties.