Abstract Submitted
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Folding of Metamaterials: the Role of Pathways MARTIN VAN HECKE, AMOLF Amsterdam Kamerlingh Onnes Lab, Leiden University, ALBERICO SABBADINI, Kamerlingh Onnes Lab, Leiden University, CORENTIN COULAIS, AMOLF Amsterdam — We show how hierarchically shaped elastic materials fold and buckle in a sequence of steps when submitted to compression. We highlight how the materials design controls the critical strain of each folding step, and leverage this to manipulate the folding pathway.

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