Stanford University Mathematical Organization (SUMO) Speaker Series

The fold and cut problem

Friday, May 20, 2022
4:30–5:30 PM @ 380-382T

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Abstract

The fold and cut problem asks when a given polygon can be cut out of a sheet of paper with a single straight cut (after folding the paper some number of times). Around 20 years ago Demaine, Demaine, and Lubiw showed that actually all polygons can be cut out this way, and we will interactively explore one of their solutions. Paper and scissors will be provided! Join me for a fun afternoon of chopping up paper.