

Michael Assis will give a talk on Tuesday, August 7th 2012 at the Gallery in the Simons Center.

Lecture: "The Complexity of Origami"

Most people who practice origami agree that folding can be a very complex endeavor, and this intricacy can be quantified. In a famous 1996 paper, Bern and Hayes proved that assigning crease directions, as well as determining the ordering of layers of flaps, is NP-hard.

In this talk, details of their proof will be presented, as well as new results on origami diversity.

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