
BERN-FRIBOURG GRADUATE SEMINAR

a seminar for Master and PhD students

Thursday 19th October, 2023: 17:15 - 18:00

Room 2.52, Perolles 08, Fribourg

DAMARIS MEIER

University of Fribourg

The Geometry of Origami

Abstract

Origami is mostly known as a Japanese folding technique. In this talk we will see how these folding techniques influence different sciences and also Mathematics. Within the Geometry arising from axioms based on folding a paper we are able to do constructions such as trisecting an angle, doubling a cube or finding the tangent to two parabolas that can not be constructed with ruler and compass. Origami Geometry is still an active field of research. If time admits, we will see more recent theorems and open questions within this line of research.