



SESSION 2 - ADVANCED RESEARCH AND DIGITAL TOOLS
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GEOMETRY OF KINETIC FOLDED SURFACES

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ABSTRACT

This paper aims to present the ancient art that is Origami, its origins and its intrinsic geometry in order to demystify the idea that Origami is a children's hobby and demonstrate that it is something quite complex and can bring answers in a variety of contexts. In this article we will frame Origami's historical context, we will define the various types of Origami and explain their geometric rules. We will focus especially on the possibilities of using Rigid Origami folded surfaces in architecture and in kinetic situations.