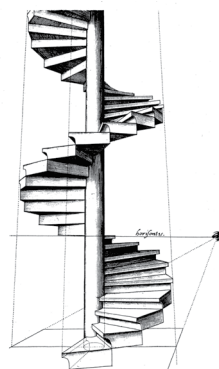




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GEOMETRIAS & GRAPHICA 2015
1, 2 , 3 . Outubro / October . 2015



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LIVRO DE RESUMOS / BOOK OF ABSTRACTS

03.10.2015 MANHÃ / MORNING

ARTIGO 064 / PAPER 064

(Apresentado em Português / Presented in Portuguese)

O DESIGN DO ORIGAMI

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ABSTRACT

With the increasing valorization of creativity, origami began to be explored not only for reproduction of existing models, but also for artistic creation of new ones, using other materials besides the traditional paper. Although most objects and projects are designed from the folds of materials available in sheets or plates, designers know little about the full potential of this technique. Since there is a lack of references related to a method of using folding strategies for the design of new models, this paper shows its relevance, presenting a way that can be followed by designers. Thus, this paper analyzes the elements and the basic principles of all origami models, presents specific characteristics that contribute for the flat folding ability of its structures, as well as basic folding techniques, and organizes a classification relating the folding techniques with flat foldable potential.



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