

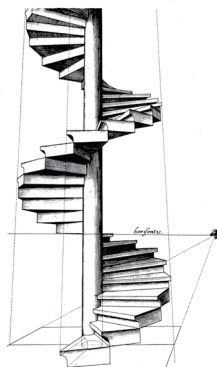


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MODELAGEM E SIMULAÇÃO DE ESPAÇOS INTERNOS DE PROJETOS NÃO-CONSTRUÍDOS DO ARQUITETO VILANOVA ARTIGAS

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ABSTRACT

This research, developed between the years 2012 and 2015, investigated, through parametric modeling and animation, twelve unbuilt projects designed by the architect Vilanova Artigas. This paper is divided in three topics. The first, details the methodological procedures for geometric modeling, using *Rhinceros* and *Grasshopper*. The second topic explains the sub-topics of the simulation process in internal spaces using *3D Max* program, as well as the production of animations. In the third topic, a discussion is held about the difficulties and unexpected discoveries made during the investigation, and also the results obtained. The original contribution of the paper lies in investigating almost unnoticed projects of this important architect, and also the methodological procedures analysis of internal spaces, which involve the interpretation of drawings and simulations by new digital technologies.



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