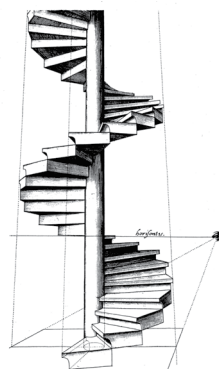




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## NAÏVE ARCHITECTURE, ITS ORNAMENTATION AND GEOMETRY

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### ABSTRACT

Naïve architecture means buildings planned and performed by laypersons and craftspeople, who mostly follow building traditions and standards. Naïve architecture uses simple geometric forms and objects, which CAAD-language calls “primitives”. The main façade of such buildings often shows decorations based on geometric ornaments, like friezes and rosettes, and they are arranged such that different viewing distances emphasize different details and motifs.

In this paper we want to point out that, in spite of cultural differences, the geometric abstractions of house forms and ornaments worldwide are quite the same. Furthermore we focus on the fact that naïve architecture is performed largely without graphics representations and that virtual spatial ability was and is trained by operation with real 3D-objects. Contrasting to that, nowadays engineering graphics education follows the reverse approach beginning at first with virtual reality provided by modern graphics media. But the success of this actual method of education to increase spatial abilities is rather questionable.



[www.aproged.pt/geometriasegraphica2015.html](http://www.aproged.pt/geometriasegraphica2015.html)

[www.aproged.pt/geometriasegraphica2015en.html](http://www.aproged.pt/geometriasegraphica2015en.html)

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