

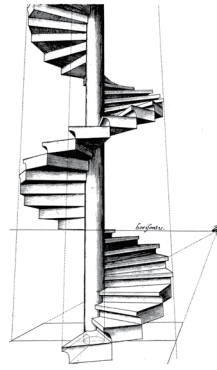


ASSOCIAÇÃO DOS PROFESSORES DE
DESENHO E GEOMETRIA DESCRITIVA
Escola Artística Soares dos Reis
Rua Major David Magno 139
4000-191 PORTO PORTUGAL

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ASSOCIAÇÃO BRASILEIRA
DE EXPRESSÃO GRÁFICA
EGR - CCE - UFSC
Campus Universitário
88.040-970 FLORIANÓPOLIS/SC BRASIL



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A COMPOSIÇÃO DA RED LÍTICA MEDIANTE A LOGICA PARAMÉTRICA. AUTOMATIZAÇÃO DO PROCESSO GEOMÉTRICO

Claudia Calabria, Politécnico de Bari, Itália

ABSTRACT

The proposed procedure tries to translate the compositional method of an hypothetical ribbed structure using a parametric code, that allows to re-create the relationships between the parties and defines each element through its connection with the reference geometry, as well as the Gothic code made in a two-dimensional and simplified way.

The use of a parametric logic constantly refers to the gothic “variational configuration” that is based on a set of relationships rather than on fixed rules.

It is proposed, therefore, a methodological update that allows to automate the compositional process based on a limited number of assumptions, maintaining the founding geometric principles of vaulted structures.

