

A DISAPPEARED VAULT IN THE GOTHIC-RENAISSANCE PALACE OF OLIVA, SPAIN. ANALYSIS OF TRACES AND TYPOLOGY

UNA BÓVEDA DESAPARECIDA EN EL PALACIO GÓTICO-RENACENTISTA DE OLIVA, SPAIN. ANÁLISIS DE LOS RESTOS Y TIPOLOGÍA

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ABSTRACT

The Palace of Centelles in Oliva was an exceptional case of fortified architecture in the transition from Gothic to Renaissance. Although the main floor was destroyed, amongst the current buildings it is still possible to find interesting remains of the lower floor. There is also valuable graphic and photographic documentation of some missing elements as well as certain dismantled pieces. Upon research of its current condition, the traces of a destroyed vault were detected at the back of the courtyard of a house, with some bricks of its springing. The interest of the case prompted us to conduct an architectural survey using digital photogrammetric techniques, which identified the curvature of the vaults on the walls. The architectural interpretation of the data highlights the value of the missing vault with squinches built with brick. Due to the absence of graphic documentation before destruction, the hypothesis stated is based on the geometric data and knowledge of the architectural and constructive context. The aim of this architectural study is to contribute to the memory of the Palace.

Keywords

Groined vault, tile vault, squinches, architectural survey, architectural heritag.



Figura 3. Improntas y restos de los arranques de la bóveda.

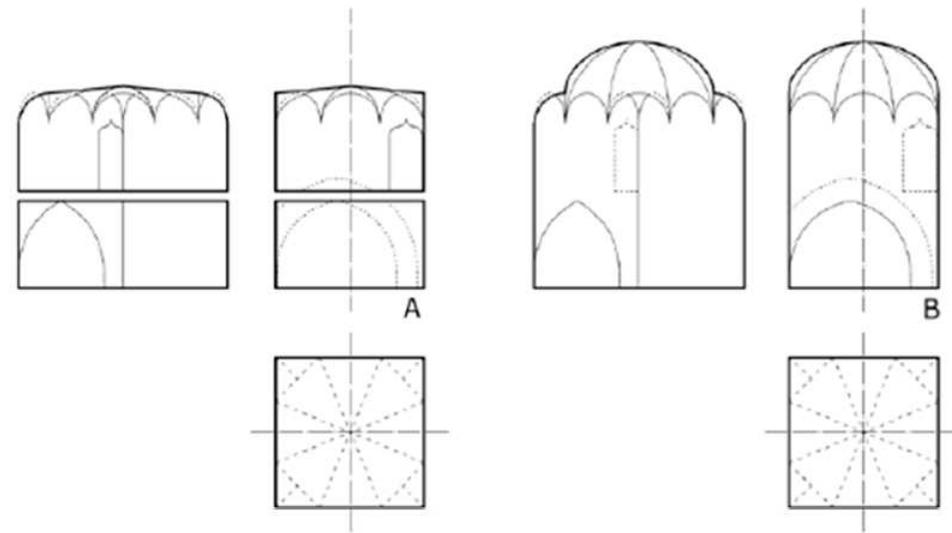


Figura 4. Sugerencias de restitución de los espacios.

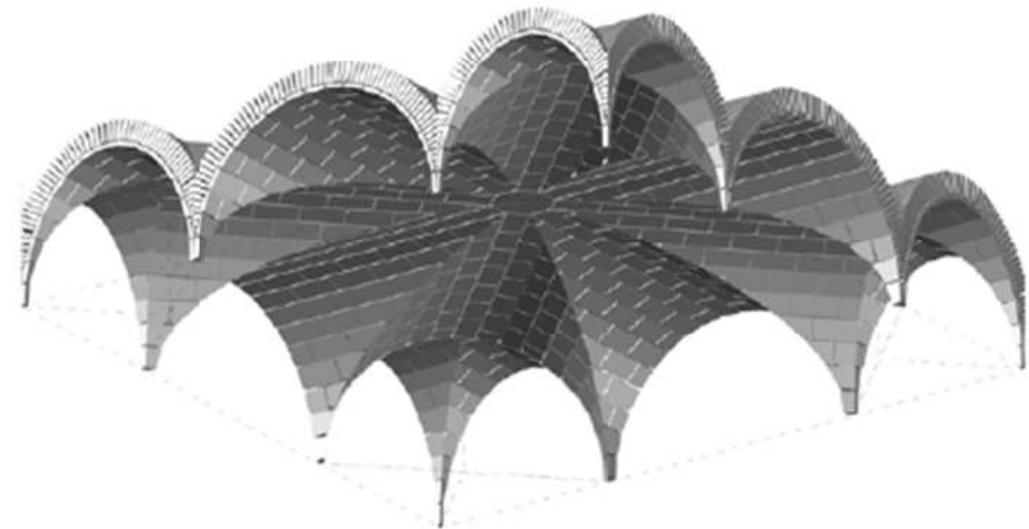


Figura 5. Hipótesis de restitución de la bóveda

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