

OUTLINING TERRAGNI: Calculating the Danteum's and Mambretti Tomb's Form and Meaning

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Abstract. Despite his controversial political background, the leading architect of the Italian Rationalist Movement, Giuseppe Terragni, has attracted the attention of a large group of architectural scholars. He has often been acknowledged as an enigmatic figure whose architecture oscillated between classicism and modernism. This work offers formal generative analyses of the Mambretti Tomb and the Danteum, which are seen as the 'quintessence' of Terragni's architecture. It provides a formal generation of these two projects in the form of parametric shape grammar. In doing so, this paper aims at unfolding the generative process of both projects in order to gain a deeper understanding into the ways that formal construction of Terragni's architecture expresses meaning.

Keywords: Shape grammars • Generative design • Architectural language • Type and style • Italian rationalism