

Re-reading the form of cahratqy dome in Takht-I Solomon fire temple of Azerbaijan- by the evolution of Sassanid dome

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Abstract The re-reading of Takht-I Solomon Char-taqy dome has to major purposes: Attaining the original form of this structure and creation of an image to the visitors .Also, using the original form to design a Protective coverage. The pendentives and dome the Charatghy of Takht-I Solomon have been completely destroyed with no trace. So in this paper, inevitably, the historic information and the evolution process was used in re-reading compared to similar structures. The investigation of the evolution process in Sassanid era, shows that because of Sassanid architectures, unfamiliarity with Polygon geometry, the conversion of square field to the circular base of dome was done by putting the rows forward. This investigations show that the possibility of Takht-I Solomon Chartaqy's style can be similar to other Sassanid and Ashkanid Chartaqys, and Pendentive making which used to be tiny is one their unique traits. The form of the dome, like other Sassanid domes, is oval.

Keyword Dome, Re-reading, Takht-I Solomon Char-taqy, Sassanid dome