

Domed house of Jazmurian

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Abstract Based on archeological and ethnological data related to the existence of round and domed huts and houses in most parts of the world, one may hypothesize that the earliest domes were made of wood covered by mud. This type of dome construction preceded the large architectural domes. The examples of valley settlements with domed houses made out of palm branches as identified in the villages in Rameshk rural district. is located at southeast of the Jazmurian catchment in Kerman are reminders of the initial efforts made in the construction of domes based on full knowledge of its geometry and structure as introduced in this article.

The structure and frame of these round houses are built through the all round use of natural resources and the local vegetation of date palms and elongated bushes of wild palms. These 4.5 m high houses are as stable as a brick dome, and can be considered as the origins of their brick counterparts. The master builder tries to demonstrate his skill in rope binding by creating beautiful and diverse knots, which recall and are indeed the origins of roundels seen in the domes of the magnificent Islamic monuments.

Keywords Domed house Rameshk Jazmurian Kerman