

عنوان مقاله:

IDEAL WARMING OF LOCAL RESIDENCES OVER CENTRAL IRAN DURING SEVER WINTER

محل انتشار:

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خلاصه مقاله:

A discernment climatological study of sever winters in Central Iran linked with its local architecture is presented. This diagnosis is revealed to temperature and humidity data set collected at the 10 weather stations over arid and semi-arid areas from 1987 to 1997 in order to determine of their Comfort Index. Results showed some materials and plans that has been used skillfully in residences were ideal for warming during the uncomfortable nights and days of winters. These materials were mud-brick, organic plaster, and wood that has numerous pores and high thermal storage capacity. Residences with their dome roofs, small, high, wooden and double-sided windows were resisting against wind-chill penetration and it seems they can potentially absorb more radiation heat than flat roofs. Their other ideal properties were compact planning, independent rooms, roofed alley, deep garden, and underground floor. So, we found small and single entry that was symmetrically embraced with a deep porch and it could help to the ideal .warming of house

کلمات کلیدی:

Local residences, Ideal warming, Central Iran

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<https://civilica.com/doc/82943>

