

عنوان مقاله:

Presenting Restoration and Retrofitting Process of Jame' Mosque after Doroud Earthquake

محل انتشار:

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خلاصه مقاله:

In this paper, retrofitting process for Jame' mosque after Doroud earthquake (31st March, 2006) has been evaluated. The earthquake epicentre was in Darb-e-Astaneh a remote village about 40 kilometres west of the city of Doroud. The series of seismic shocks however affected a vast populated rural and urban area; some 25 villages and the city of Boroujerd were severely damaged. The earthquake tremors in Boroujerd city caused damages of various degrees in the historic and cultural property of the province. In the city of Boroujerd, the most significant damages include the damages of the minarets in the Jame' Mosque, the collapse of false ornamental stalactite ceiling in the Imam (Soltani) Mosque and partial collapse of the beehive dome in the Imamzadeh Ja'far holy Shrine In the Lorestan province. Reinforcing the historical structures have been a challenge for experts and authorities for years while, no basic and integrated measure has been taken in this regard and with Bam earthquake and destruction of historical Arg-e-Bam and Doroud earthquake and damages incurred by historical places and heritage, they are threatened to be destroyed and damaged yet. In addition to, modern knowledge of reinforcing, which is focused in civil engineering and structure, there is the native and classic knowledge for reinforcing historical structures and buildings, which may be a solution for us. Many factors were involved in destruction and damage of this tomb by earthquake, of which the effects of loosen joints, weak connection among different elements of structure, negligence about seismic problems in reconstruction works and characteristics of earthquake may be counted as some instance

کلمات کلیدی:

Retrofitting, Jame-mosque, Restoration, Earthquake

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