

عنوان مقاله:

BEHAVIOR FACTOR OF FLAG-SHAPED HYSTERETIC MODELS FOR THE SEISMIC RETROFIT OF STRUCTURES

محل انتشار:

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خلاصه مقاله:

seismic retrofitting of existing structures vulnerable to earthquakes is a key issue in any earthquake prone region. Current design approaches are based on the so called behavior factor to derive distributions of seismic forces compatible with a given ductility demand to the structure. the behavior factor is defined as the ratio of the elastic strength demand imposed on a SDOF model of the structure to the inelastic strength demand for a given ductility .ratio

کلمات کلیدی:

seismic retrofit , behavior factor , response spectra, shape memory alloys , flag shaped hysteretic models

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