

عنوان مقاله:

THE EFFECT OF USING ADDITIONAL ISOLATED UPPER FLOOR ON THE PERFORMANCE POINT OF R.C. FRAME STRUCTURES IN ARMENIA

محل انتشار:

هشتمین کنفرانس بین المللی زلزله شناسی و مهندسی زلزله (سال: 1398)

تعداد صفحات اصل مقاله: 7

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خلاصه مقاله:

Widely distributed 111 series, 10 story R.C. frame buildings are constructed during former Soviet Union in Armenia and Nagorno-Karabakh province. In current research we illustrate the concept of seismic upgrading of above mentioned buildings, using an Additional Isolated Upper Floor (AIUF). For this purpose, a three dimensional of 111-c R.C. frame building is modeled and analyzed according to Armenian SNIP II-6.02 code, based on 3 soil categories of Rock ($V_s > 800\text{m/s}$), Dense Soil (500

کلمات کلیدی:

Seismic upgrading, Additional isolated upper floor, Performance point, Modal pushover analysis, Capacity spectrum

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