

عنوان مقاله:

PERFORMANCE OF SAFE ROOM UNDER JACKARCH ROOF COLLAPSE

محل انتشار:

ششمین کنفرانس بین المللی زلزله شناسی و مهندسی زلزله (سال: 1390)

تعداد صفحات اصل مقاله: 8

نویسندگان:

M Yekrangnia - *Ph.D. Candidate, Sharif University of Technology*

A Mahdizadeh Sari - *Head of Seismic Rehabilitation Schools Office*

خلاصه مقاله:

In this article the performance of a proposed safe room under roof gravitational loading is studied by finite element analysis. The aim of this article is about the sufficiency of the proposed system as an option in retrofitting the averaged size classrooms with jack-arch roofs. Different configurations are studied in order to determine the optimum configuration. In these analyses, it is assumed that the masonry walls are totally destructed and hence, the safe room .is the only structural component, capable of bearing the roof gravity loads

کلمات کلیدی:

Safe Room, Gravitational Loading, Jack-Arch Roof, Buckling, Composite Section

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/115273>

