

عنوان مقاله:

Numerical analysis of the effects of stress release amount in tunnels on ground level

محل انتشار:

چهارمین کنفرانس ملی مهندسی ژئوتکنیک ایران (سال: 1398)

تعداد صفحات اصل مقاله: 7

نویسنده:

Mehdi Kharaghani - Faculty of Mining Engineering, Science and Research Branch, Tehran, Iran

خلاصه مقاله:

Investigation of seismic response locally and its changes due to sub-surface complications is one of the important issues in dynamic studies and analysis. This is one of the basic steps to assess the maximum impact of earthquake acceleration in a particular location. Underground structures such as pipes, tunnels and other cavities and empty spaces are one of the most important parameters affecting seismic response in a particular location. This issue has been widely studied by various researchers. Analytical methods provided by different researchers provide an appropriate perspective on this subject, but given the complexity of these analytical methods, parametric analysis is a very difficult task. For this reason, this problem has been investigated using numerical modeling by ABAQUS limited component software.

کلمات کلیدی:

.Tunnels; Seismic Response; Finite Element Method

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/961691>

