

عنوان مقاله:

A Parametric Study on Seismic Behaviour of Pile Group Located in Soil Slope

محل انتشار:

اولین کنفرانس ملی مهندسی ژئوتکنیک (سال: 1392)

تعداد صفحات اصل مقاله: 8

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خلاصه مقاله:

Based on pseudo-static approach presented by the authors elsewhere, a comprehensive parametric study is carried out in this paper in order to achieve a better understanding of the seismic behavior of pile group in slope. For this end some parameters such as slope angle, group configuration and pile spacing to diameter ratio, were used as variable parameters. Piles deflection and bending moment were considered as behavioral parameters and effects of varied parameters on them were investigated. Some conclusions on the effects of slope on pile group seismic behavior then presented

کلمات کلیدی:

pile group, pseudo-static analysis, parametric study, slope

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/228702>

