

عنوان مقاله:

Study on soil-rock mixtures behavior in triaxial test using discrete element method

محل انتشار:

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خلاصه مقاله:

Soil-rock mixture (SRM) is a unique type of geomaterial characterized by a heterogeneous composition and a complicated structure. The continuum-based soil mechanics theories cannot predict the SRM's mechanical properties. In this study, SRM's behavior was investigated using discrete element method (DEM) . For this purpose, drained triaxial tests were simulated on specimens using PFC3D and the influence of rock ratios on the SRM's strength was analyzed

کلمات کلیدی:

.Discrete element method, Soil-rock mixture, Triaxial test

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