عنوان مقاله:

A dynamic analysis of saturated porous media using a cap plasticity model

محل انتشار:

سومین همایش بین المللی مهندسی ژئوتکنیک و مکانیک خاک ایران (سال: 1381)

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خلاصه مقاله:

in this paper, a unified finite element solution to static and dynamic problems of saturated porous media is presented. The finite element method is applied to the goveming equations for the spatial discrtization. Followed by a generalized newmark scheme used for the time domain discretization. the framework of generalized plasticity is introduced, and the results of some numerical examples by using different constitutive models are presented. An attempt is made to solve a wide range of dynamic problems of geomechanics, with special reference to the San fernando dam.

کلمات کلیدی:

لینک ثابت مقاله در پایگاه سیویلیکا:

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