

عنوان مقاله:

Multilaminate Elastoplastic Model for Granular Media

محل انتشار:

ماهنامه بین المللی مهندسی، دوره 5، شماره 1 (سال: 1371)

تعداد صفحات اصل مقاله: 13

نویسنده:

S. A. Sadrnejad - Civil Engineering, Khaje Nasir Toosi University of Technology

خلاصه مقاله:

A multilaminate based model capable of predicting the behavior of granular material on the basis of sliding mechanisms and elastic behavior of particles is presented. The capability of the model to predict the behavior of sand under arbitrary stress paths is examined. The influences of rotation of the direction of principal stress axes and induced anisotropy are included in a rational way without any additional hypotheses. The predicted numerical results of sand specimens in hollow cylindrical and true triaxial tests and also under undrained conditions are presented.

کلمات کلیدی:

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/1392309>

