

عنوان مقاله:

THE VELOCITIES OF ELASTIC WAVES IN WATER-SATURATED SOIL AND THEIR APPLICATION IN
ENGINEERING GEOLOGY

محل انتشار:

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تعداد صفحات اصل مقاله: 6

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خلاصه مقاله:

In this paper, the relations between frame wave velocities V_p and seismic wave velocities V_s , of water-saturated porous solid were shown in illustrations. A new method (with a example in Lanzhou) was suggested which was used to calculate the frame wave velocities of water saturated soil from the velocities measured in site. Several principal aspects influencing velocities by water were discussed. The condition and the rationality of application of frame wave velocities in engineering geology were discussed also.

کلمات کلیدی:

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/1281451>

