

Pengaruh kecepatan Beban pada Perilaku Lempung Akibat Beban Siklik Takterdrainasi Satu-Arah

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Abstrak

Study of loading rate effect on behavior of clay under one-way undrained cyclic loading was conducted by using triaxial automated system apparatus under stress controlled and undrained condition. The tests were carried out on Depok clay samples which compacted rising Standard Proctor at loading rate of 0,05 and 0,5 %/min. and with a confining pressure (σ_3) of 50 kPa on sample. The samples were saturated until the coefficient B higher than 0.97. The test results indicated that the larger of delta-strain occurred on higher loading rate.