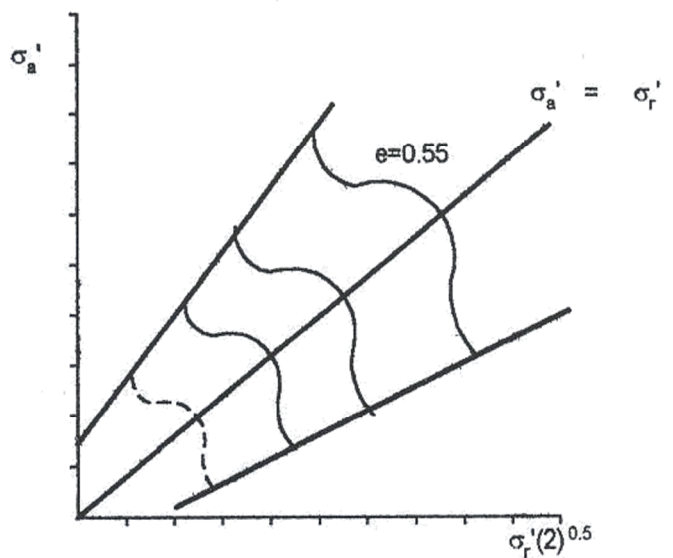
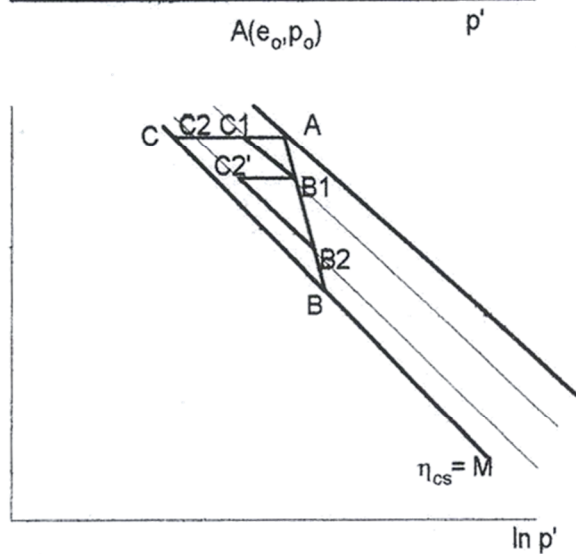
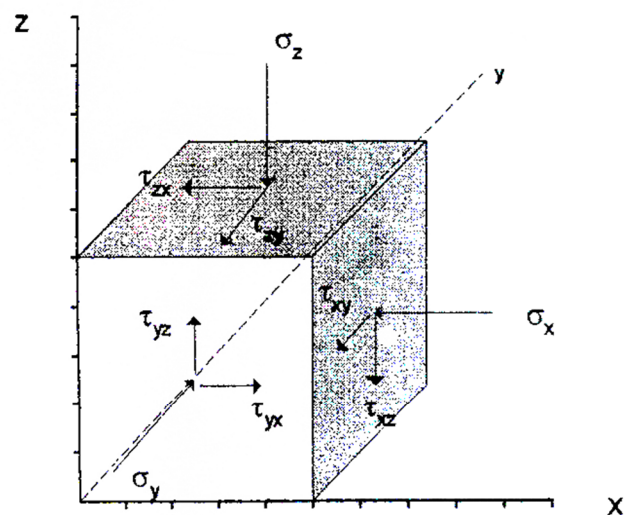
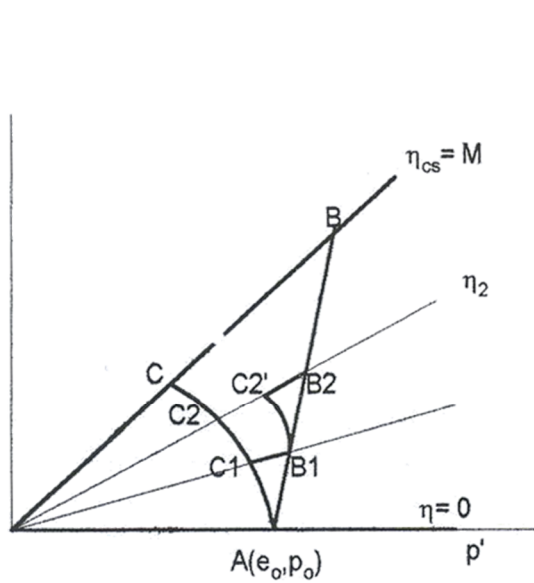
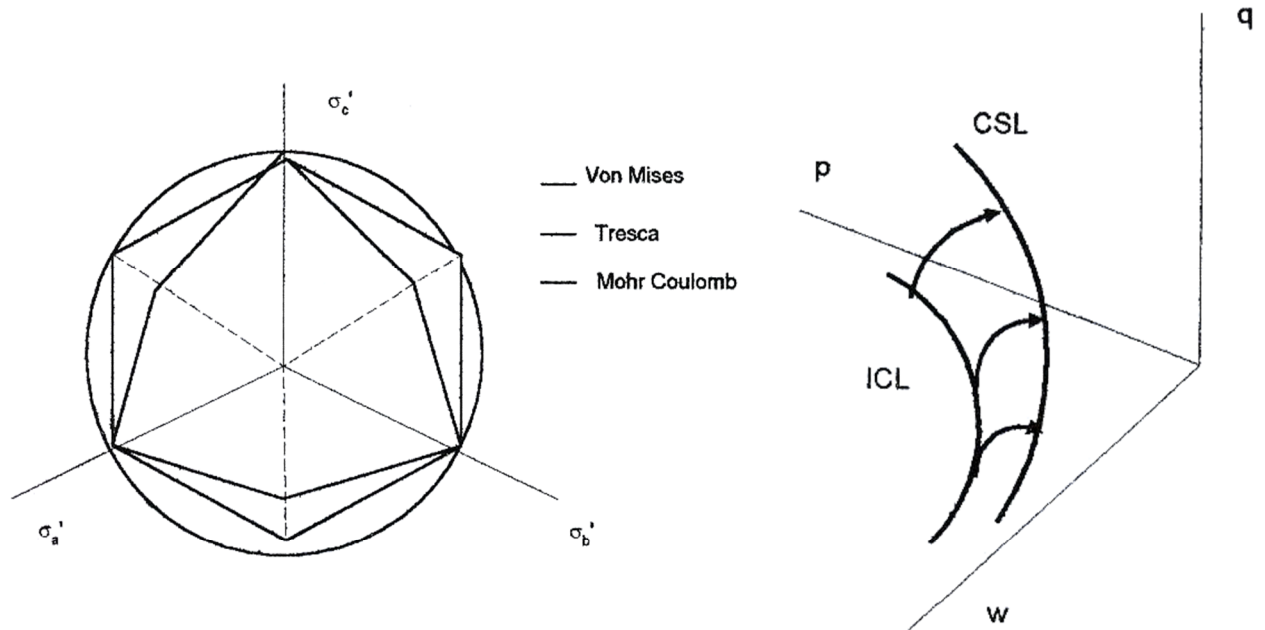


MEKANIKA TANAH LANJUT

Catatan Kuliah Teori Critical State Soil Mechanics



DAFTAR ISI

Referensi	1
Area Penelitian.....	1
Error	2
Tegangan dan Regangan	3
Tensor Tegangan Cartesian.....	4
Tegangan – Tegangan Utama	6
Lintas Tegangan.....	11
Tensor Cartesian = Tensor Spherical + Tensor Deviatoric.....	13
Tensor Regangan	16
Modulus Young (E) dan Poisson’s Ratio (ν).....	20
Teori Plastisitas	23
Critical State.....	29
Lintasan Tegangan yang Dinormalisasikan	40
Regangan Volumetrik	42
Regangan Deviatorik	43
Waktu Keruntuhan pada Uji Triaksial	46
Stress Controlled Drained Test	49
Uji Konsolidasi Anisotropis.....	50
Teori Peningkatan Tegangan – Regangan (Roscoe dan Poorshash, 1963).....	53
Perilaku Bahan dan Material.....	58
Uji Oedometer (Konsolidasi).....	60
Undrained Test.....	64
Yield Locus.....	69
Teori Cam Clay.....	70
Modifikasi Burland pada Teori Cam Clay 1968 (Modified Cam Clay)	87
Volumetrik dan Regangan Geser (Modified Cam Clay)	90
Permukaan Pembebanan	94
Ringkasan.....	98
Tugas Mekanika Tanah Lanjut	102