Simbologia ed abbreviazioni

A	Cross sectional area
A_o	Initial cross sectional area
A_s	Ratio corresponding to the removal of the deviatoric stress
B	Coefficient of saturation
C^*_c	Intrinsic compression index
C^*_s	Intrinsic swelling index
C^*_s/C_s	Swelling sensitivity
c’	Cohesion intercept
C_c	Intact compression index
C_s	Intact swelling index
CSF	Critical State Framework
CSL	Critical State Line
D	Sample diameter
D_o	Initial diameter of the sample
e	Voids ratio
e*	Voids ratio on the intrinsic curve
e_{100}	Voids ratio on the ICL for 100kPa vertical pressure
e_{1000}	Voids ratio on the ICL for 1000kPa vertical pressure
e_n	Normalised voids ratio, e-e*
Et	Drained Young modulus tangent
Eu	Undrained Young modulus tangent
G	Shear modulus
G_s	Specific gravity of the grains
H_o	Initial height of the sample
ICL	Intrinsic Compression Line
I_p	Plasticity index
I_v	Void Index
K	Bulk modulus
k	σ'_a/σ'_r

K0	σ'_a/σ'_r in oedometric conditions
LL	Liquid limit
M	Stress ratio q/p' at critical state
m_v	Coefficient of oedometric compressibility
N^*	Specific volume on the NCL* for p'=1kPa
NCL	Normal compression line
NCL*	Intrinsic normal compression line
$OCR=\sigma'_{ap}/\sigma'_a$	Overconsolidation ratio
p	Mean stress
p'	Mean effective stress
PL	Plastic limit
q	Deviatoric stress
S^*_u	Intrinsic undrained strength
SCC	Sedimentation Compression Curve
SCL	Sedimentation Compression Line
$S_s=C^*_s/C_s$	Swell sensitivity
S_t $S_u/S^*_u=S_t$	Strenght Sensitivity
S_u	Undrained strength
$S_\sigma=\sigma'_y/\sigma^*_e$	Stress Sensitivity
v	Specific volume
V_f	Final volume of the sample
v_f	Final specific volume
v_i	Initial specific volume
V_o	Initial volume of the sample
Γ^*	Specific volume on the intrinsic critical state line
ε_a	Axial strain
ε_{af}	Strains at the end of the test
ε_r	Radial strain
ε_v	Volumetric strain
ϕ'	Angle of shearing resistance of the soil
ϕ'_{cs}	Angle of shearing resistance of the soil at the critical state
γ_d	Dry bulk unit weight
γ_s	Unit weight of soil grains
γ_w	Unit weight of water
γ	Bulk unit weight
λ	Gradient of the NCL* in the v-logp' plane

ρ	Total mass density of the soil
σ_a	Axial stress
σ'_a	Axial effective stress
σ_r	Radial stress
σ'_r	Radial effective stress
τ_{yz}, τ_{zx}, τ_{xy}	Shear stresses