Poisson's ratio =

@wikipedia

Material property of a solid body measuring as proportionality coefficient between tangent strain $\epsilon_{\perp}$ and axial strain $\epsilon_{\parallel}$ in the linear elastic region of a material:

(1) $$\nu = -\frac{\epsilon_{\perp}}{\epsilon_{\parallel}}$$

See Also

Physics / Mechanics / Continuum mechanics / Continuum Body / Deformation

[Compressibility] [Young modulus (E)]

[initial pore compressibility]

[Geomechanical Rock Modelling]