Le cisaillement

I.   Définition

$$\vec{C}(M,\vec{n}) = \tau\,\vec{t} \qquad \{\mathcal{T}_{coh}\} = \begin{Bmatrix} 0 & 0 \\ T_y & 0 \\ T_z & 0 \end{Bmatrix}_G \qquad \boxed{T = \int_S \tau\,dS} \qquad \boxed{\tau = \frac{T}{S}}$$

si τ uniforme

II.   Loi de comportement

$$\tau = G\gamma \qquad\qquad \gamma = \frac{dy}{dx} \qquad\qquad G = \frac{E}{2(1+\nu)}$$