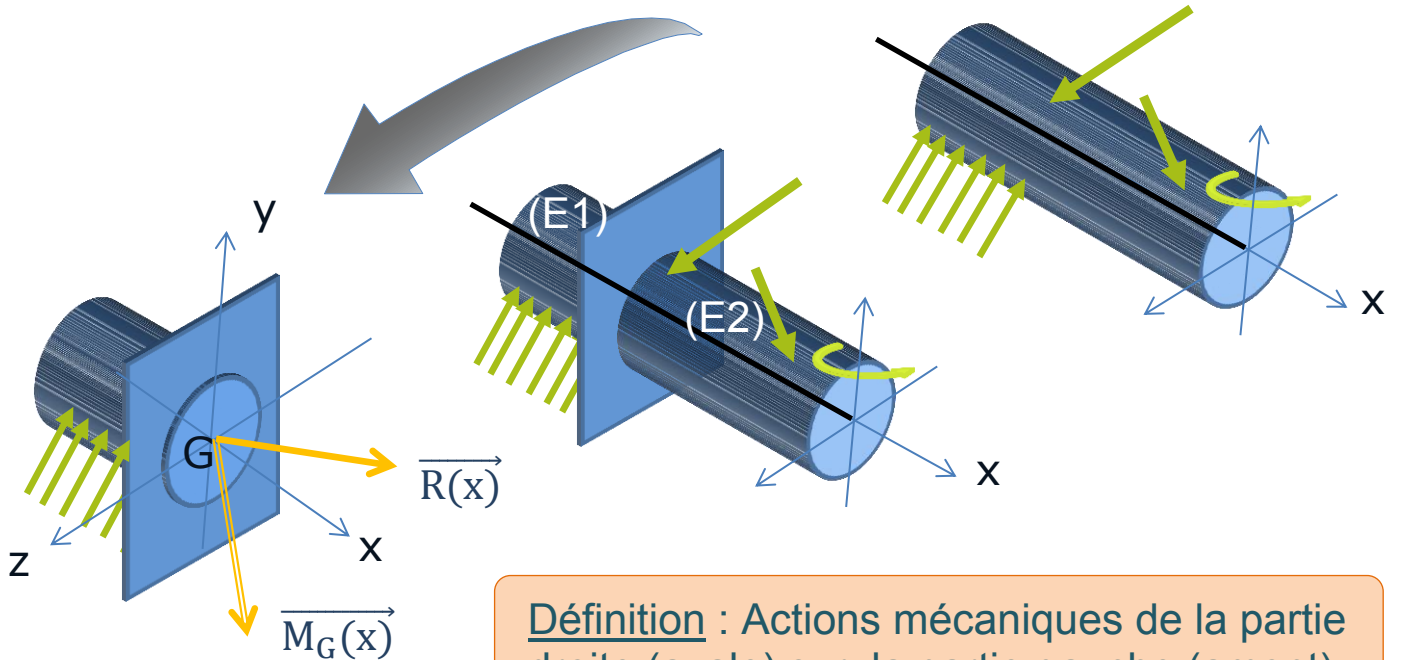
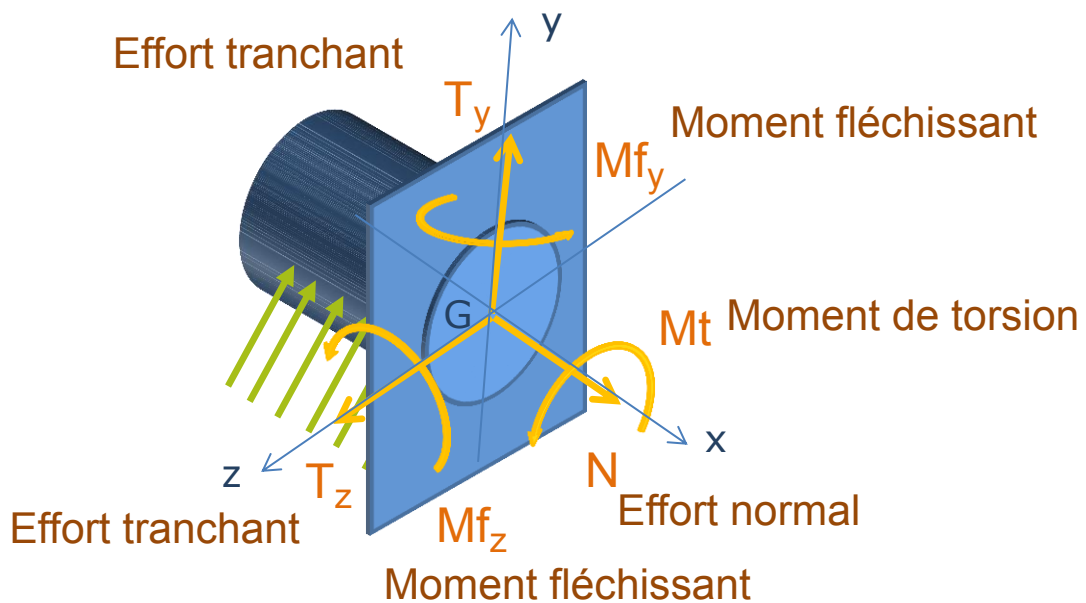



Synthèse – Sollicitations simples



$$\{T_{int}\} = \begin{Bmatrix} \vec{R}(x) \\ \vec{M}_G(x) \end{Bmatrix}_G$$

Définition : Actions mécaniques de la partie droite (avale) sur la partie gauche (amont)

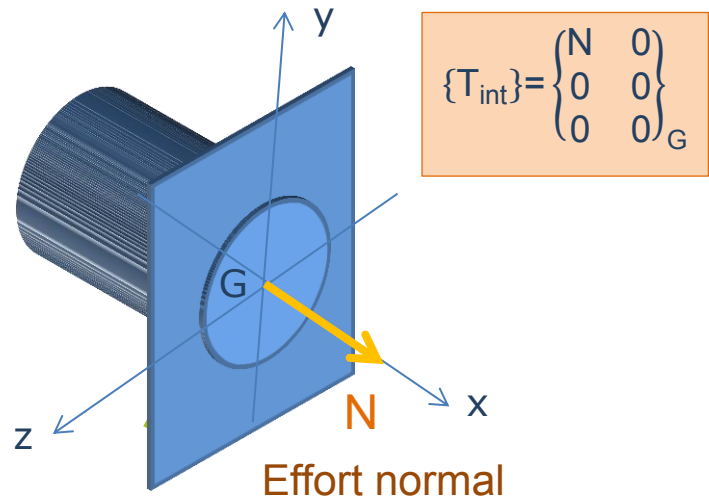
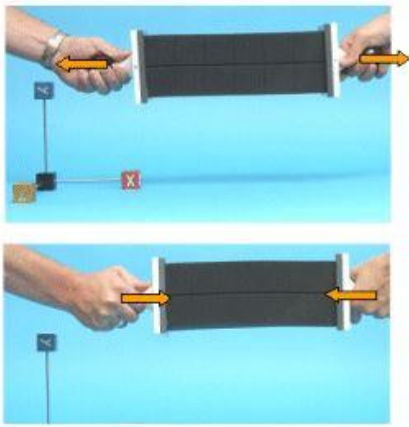
$$\{T_{int}\} = \{T_{(E2) \rightarrow (E1)}\}$$


 Les efforts intérieurs sont déterminés dans la base principale de la section droite

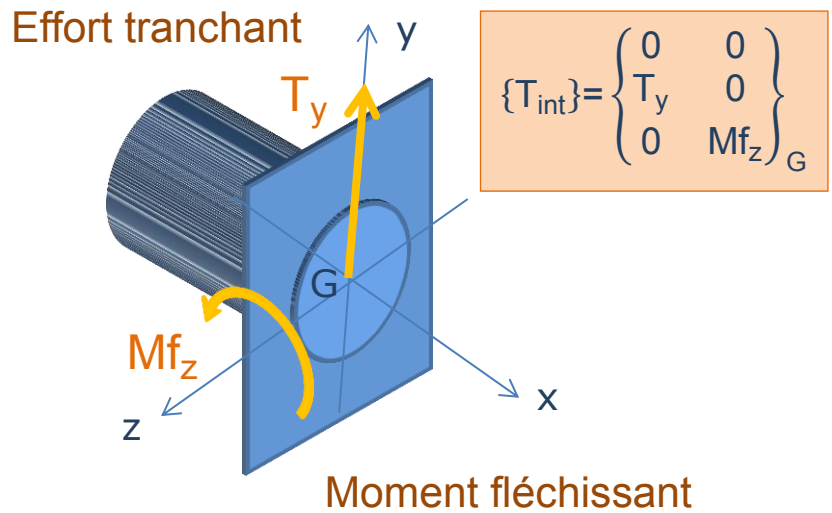
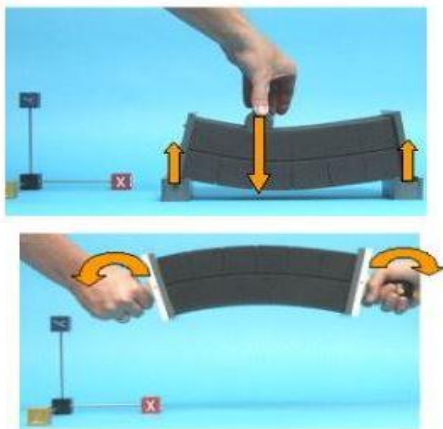
$$\{T_{int}\} = \begin{Bmatrix} N & Mt \\ T_y & Mf_y \\ T_z & Mf_z \end{Bmatrix}_{G,base}$$

Nature des sollicitations

Traction - Compression



Flexion simple



Torsion

