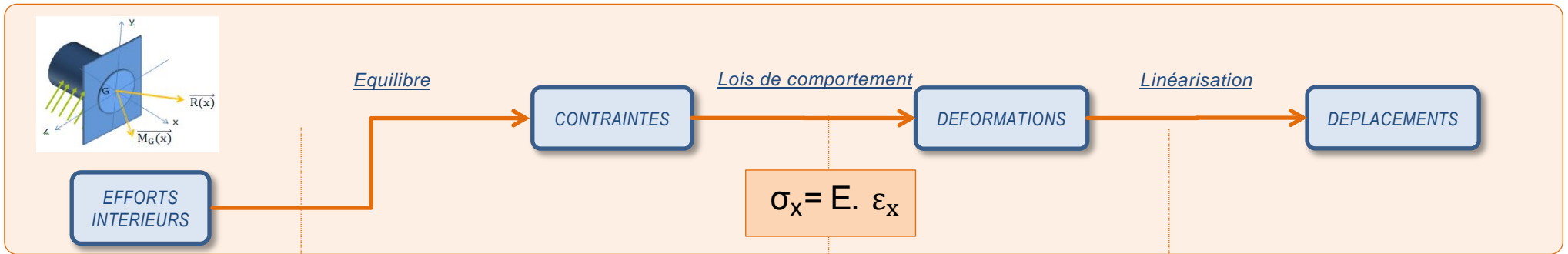
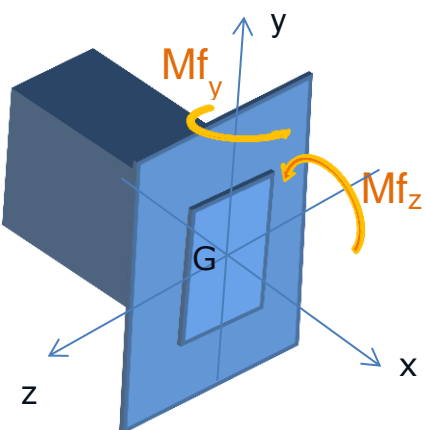


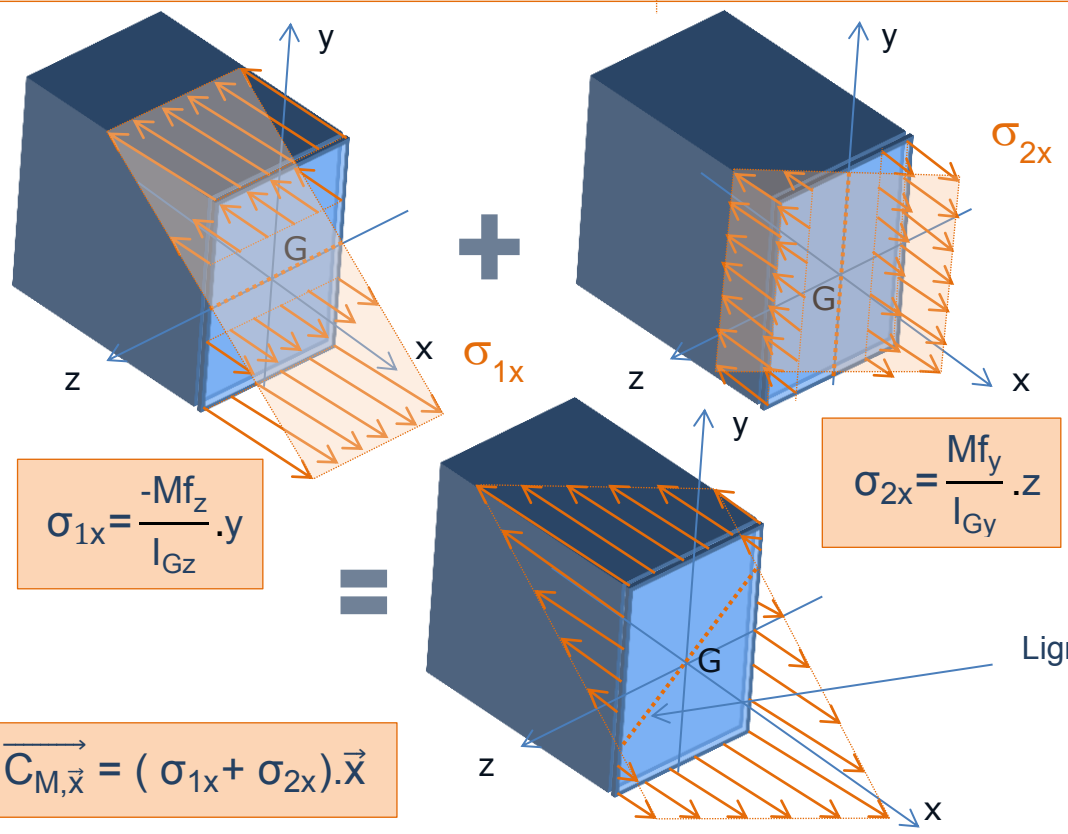
# Synthèse – FLEXION DEVIEE



$$\{T_{int}\} = \begin{Bmatrix} 0 & 0 \\ 0 & Mf_y \\ 0 & Mf_z \end{Bmatrix}_G$$



Dans la base principale



$$\vec{C}_{M,\vec{x}} = (\sigma_{1x} + \sigma_{2x}) \cdot \vec{x}$$

contrainte normale

On superpose les déformations de flexion.

$$Mf_z = E \cdot I_{Gz} \cdot v_y''$$

$$Mf_y = -E \cdot I_{Gy} \cdot v_z''$$

Ligne neutre (contraintes nulles)

$$\frac{Mf_y}{I_{Gy}} \cdot z - \frac{Mf_z}{I_{Gz}} \cdot y = 0$$