

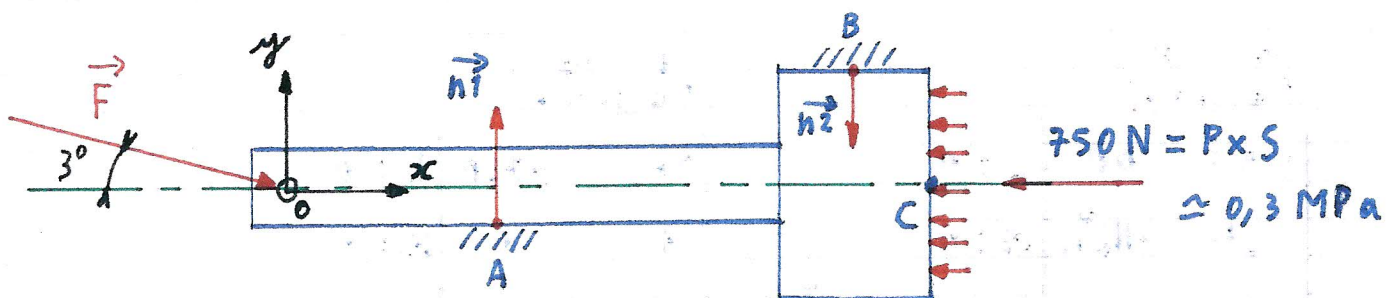
# CALCUL MATRICIEL.

39 bytes.

"Mat C="  
Mat A<sup>T</sup> × Mat B

Isoler un piston plus sa tige.

1/2



Repère O.

Géométrie.

$$\vec{OA} \begin{cases} 135 \\ -12 \\ 0 \end{cases} \quad \vec{OB} \begin{cases} 195 \\ 37 \\ 0 \end{cases} \quad \vec{OC} \begin{cases} 205 \\ 0 \\ 0 \end{cases}$$

Analyse des liaisons en leur centre.

$$\vec{F} \begin{cases} \| \vec{0} \| \cos -3 & 0 \\ \| \vec{0} \| \sin -3 & 0 \\ 0 & 0 \end{cases} \quad \vec{h}_1 \begin{cases} 0 & 0 \\ \| \vec{A} \| & 0 \\ 0 & 0 \end{cases} \quad \vec{h}_2 \begin{cases} 0 & 0 \\ -\| \vec{B} \| & 0 \\ 0 & 0 \end{cases}$$

$$PFS \left\{ \vec{0} \right\} + \left\{ \vec{B} \right\} + \left\{ \vec{A} \right\} + \left\{ \vec{C} \right\} = \left\{ \vec{0} \right\}$$

$$M_{/O} \vec{B} = M_{/O} \vec{B} + \vec{OB} \wedge \vec{B}$$