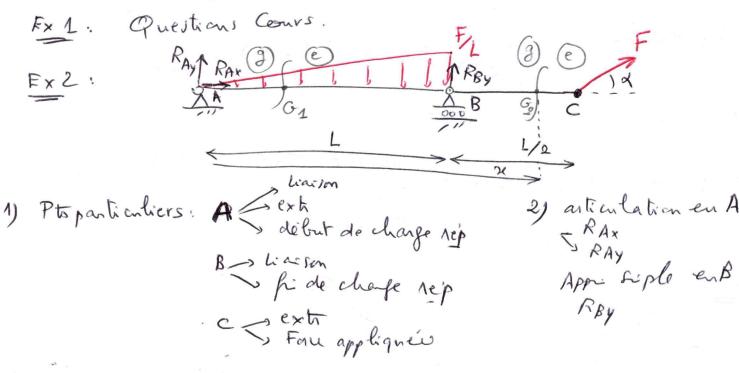
Correction DS1(Mella) 2018 - 2019



4) PFS:
$$\Sigma \vec{F}_{ext} = \vec{o}$$
 $u : R_{Ax} + f w s d = 0 = o [R_{Ax} = -f w s d]$
 $y : R_{Ay} + R_{By} = \frac{F}{2} + F s \vec{w} d = 0$
 $= P R_{Ay} + R_{By} = \frac{F}{2} - F s \vec{w} d$. \Rightarrow
 $\Sigma \vec{H}_{A} = \vec{o}$ \Rightarrow $3 : -\frac{F}{2} \cdot \frac{L}{2} \cdot \frac{2}{3} L + R_{By} \cdot L + F s \vec{w} d$. \Rightarrow $R_{By} = \frac{F}{3} - \frac{3}{2} F s \vec{w} d$.

$$R_{Ay} = \frac{F}{2} - F \sin d - \frac{F}{3} + \frac{3}{2} F \sin d$$

$$R_{Ay} = \frac{F}{6} + \frac{F}{2} \sin d$$
nven

5) le PFS estobligé car la MARIENE. Compurer deux hiaisons.

$$G_{2}(x,0,0) = \begin{cases} N_{x} = F \text{ cos} x & \text{Traction} \\ T_{y} = F \text{ sin} x & \text{traction} \\ T_{y} = F \text{ sin} x & \text{traction} \end{cases}$$

$$T_{y} = F \text{ sin} x & \text{traction} \\ T_{y} = F \text{ sin} x & (\frac{3}{2}L - x) & \text{fluxion} \\ T_{y} = F \text{ sin} x & (\frac{3}{2}L - x) & \text{fluxion} \\ T_{y} = O & \text{Traction} \end{cases}$$

$$S_{x} = O = \sum_{x \in \mathbb{Z}} \begin{cases} \nabla coh_{x} c_{2} = \begin{cases} N_{x} = F \\ T_{y} = O \end{cases} \end{cases}$$

$$S_{x} = O = \sum_{x \in \mathbb{Z}} \begin{cases} \nabla coh_{x} c_{2} = \begin{cases} N_{x} = O \\ T_{y} = 2F \end{cases} \end{cases}$$

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$$S_{x} = O = \sum_{x \in \mathbb{Z}} \begin{cases} \nabla coh_{x} c_{2} = \begin{cases} \nabla coh_{x} c_{2} = C \end{cases} \end{cases}$$

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