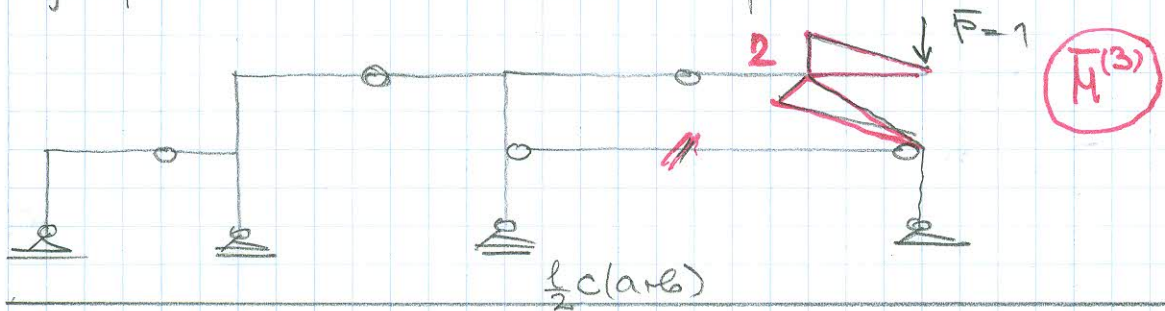


$X_{f3} = \text{pos. Moment} \stackrel{\text{M.H.}}{=} \text{vertical pos. position}$ $\downarrow v$



$$X_{f1}^* = \int \frac{I_c}{I} M \bar{M}^{(1)} ds = \frac{1}{1} \left[\frac{2}{2} \cdot 1 (80 + 20) - \frac{1}{3} \cdot 2 \cdot 5 \cdot 1 \right] = 93,3^\circ$$

$$X_{f2}^* = \int \frac{I_c}{I} M \bar{M}^{(2)} ds + \int \frac{I_c}{I_2} N \bar{N}^{(2)} ds = -1 \cdot \frac{2}{3} \cdot 1 \cdot 80 - 1 \cdot \frac{2}{2} \cdot 1 \cdot 40 -$$

Da li ide =

$$- \frac{1}{2} \cdot \frac{4}{2} \cdot 1 \cdot 240 - 1 \cdot \frac{2\sqrt{2}}{6} \cdot 1 (2 \cdot 240 + 80) + 0,1 \cdot 8 \cdot 40 \left(-\frac{1}{2}\right) = -613,319865$$

$$X_{f3}^* = \int \frac{I_c}{I} M \bar{M}^{(3)} ds = -\frac{1}{1} \cdot \frac{2\sqrt{2}}{6} \cdot 2 (2 \cdot 240 + 80) = -527,97306$$

$\sum M_7 = 0 \quad (613,3198 - 33,3^\circ) \cdot 2 - 120 \cdot 4 - 100 \cdot 6 - D \cdot 8 + 527,97306 = 0 \quad D = 75,9932$
 $\sum M_3 = 0 \quad -40 \cdot 2 - C \cdot 4 + 283,9932 \cdot 6 = 0 \quad C = 405,98$
 $\sum M_0 = 0 \quad -288,6633 \cdot 6 - 4 \cdot B = 0 \quad B = 432,9949$
 $A = 432,9949 - 288,6633 = 144,3316$

