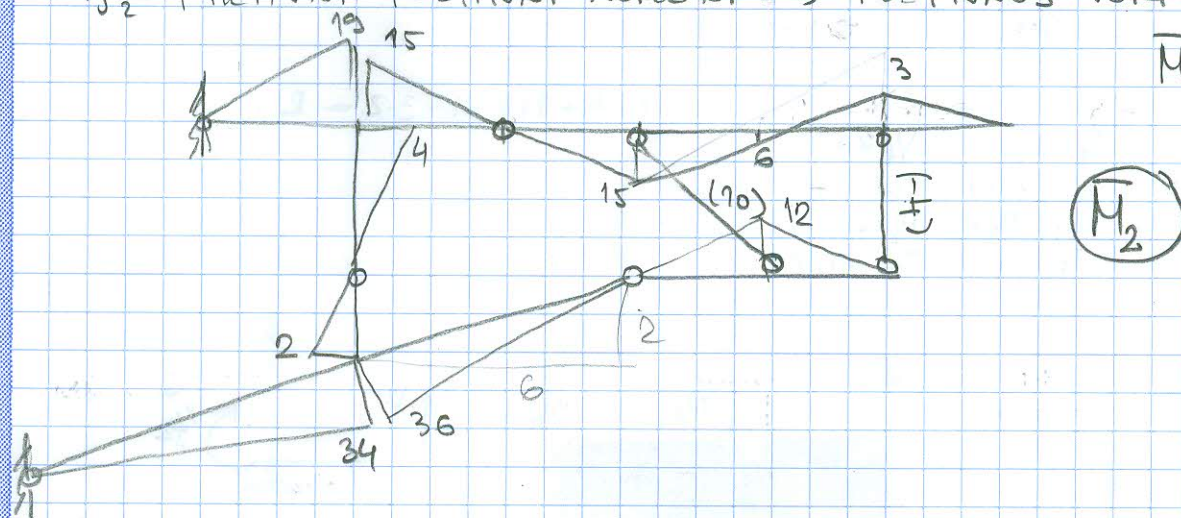


$X_{f2}^*$  - FIKTIVNI POZITIVNI MOMENT  $\rightarrow$  POZITIVNOS VERT. SILI  $\downarrow$

$$\bar{M}_2 = \frac{1}{150} M$$



$$X_{f1}^* = \frac{1}{EI_c} \int M \bar{M}_1 ds \quad \frac{l}{6} a(2e+d)$$

$$X_{f1}^* = \int M \bar{M}_1 ds = \left[ \frac{3}{6} \cdot 19 \left( 2 \cdot \frac{2}{3} + 1 \right) - \frac{4}{3} \cdot \frac{4}{3} \cdot \frac{2}{3} - \frac{2}{3} \cdot \frac{2}{3} \cdot \frac{1}{3} + \frac{\sqrt{40}}{3} \cdot \frac{34}{3} \cdot \frac{1}{3} \right] \cdot 150$$

$$= -341,0853185$$

$$X_{f2}^* = \int M \bar{M}_2 ds =$$

$$= \left[ \frac{3}{3} \cdot 19^2 + \frac{3}{3} \cdot 15^2 \cdot 2 + \frac{6}{3} (3^2 - 3 \cdot 15 + 15^2) + \frac{3}{3} \cdot 3 + \frac{2}{3} \cdot 3 \cdot 12^2 + \right.$$

$$\left. + \frac{6}{3} (4^2 - 4 \cdot 2 + 2^2) + \frac{\sqrt{40}}{3} \cdot 34^2 + \frac{\sqrt{40}}{3} \cdot 36^2 \right] \cdot 150 = 1001890,482$$