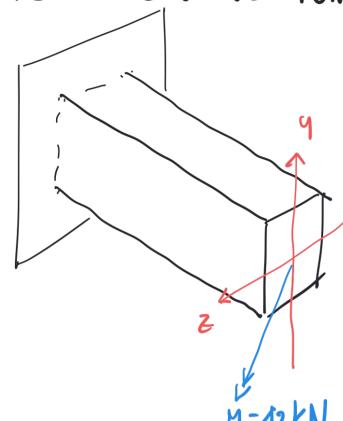
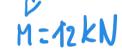
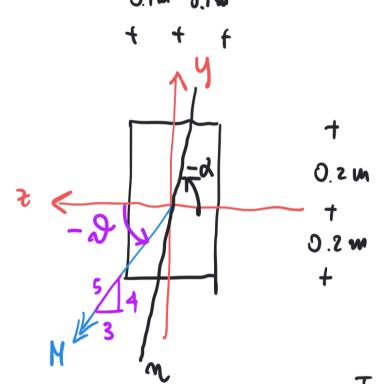
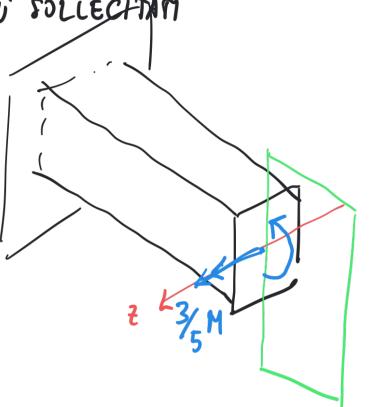
DETERNINARE L'ASSE NEUTRO E LA TENSIONE & NEI PUNTI PIÙ SOLLECHTATI







Asse neutro 
$$y = \frac{I_z}{I_y} (\tan \theta)_z = -\frac{I_z}{I_y} \frac{4}{3}z$$
  $\tan \theta = -\frac{4}{3}$   
 $\tan \alpha = \frac{I_z}{I_y} \tan \theta = -\frac{1.067}{0.2667} \cdot \frac{4}{3} \Rightarrow \alpha = -79.4^\circ$ 

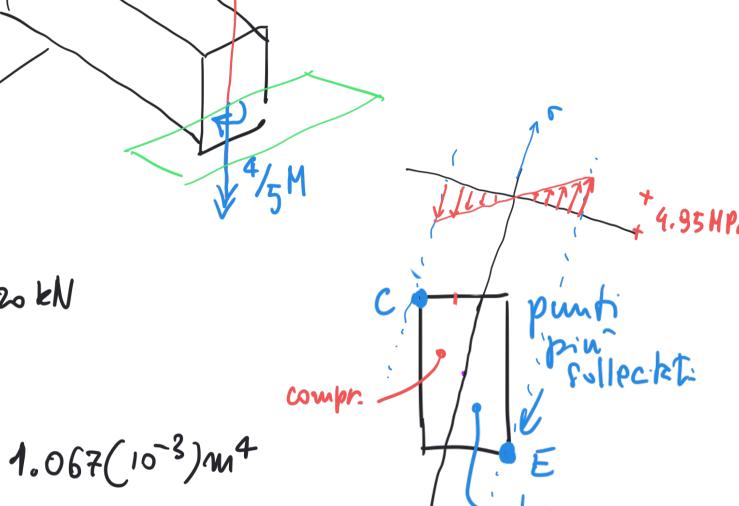


$$M_y = -4/_5 M = -9.60 kN$$

$$T_z = \frac{1}{(2)}(0.2 \text{ m})(0.4 \text{ m})^3 = 1.067(10^{-3})\text{m}^4$$

$$T_y = \frac{1}{12}(0.4m)(0.2m)^3 = 0.2667(10^3)m^4$$

$$O = -\frac{M_2}{I_2}y + \frac{M_y}{I_y}z$$



$$\sigma_c = -\frac{7.20 \text{ kN} \cdot 0.2 \text{ m}}{1.067 \cdot 10^{-3} \text{ m}^4} + \frac{(-9.60 \text{ kN})(0.1 \text{ m})}{0.2667 (103) \text{ m}^4}$$

$$= -4.95 \text{ HPa}$$