

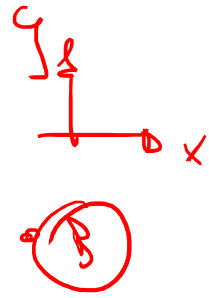
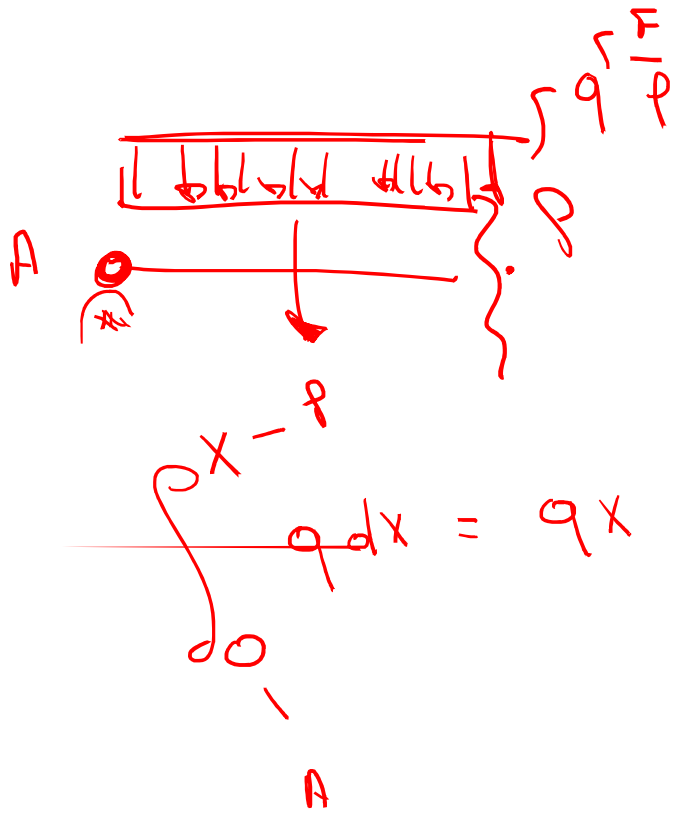
$$x: R_x^A = 0$$

$$\rightarrow y: R_y^A + R_y^B = qP = \frac{P}{P} P = P$$

$$\circlearrowleft_A: R_y^B \cdot P = (qP) \cdot \frac{P}{2}$$

$$\Rightarrow R_y^B = \frac{qP}{2} = \frac{P}{2}$$

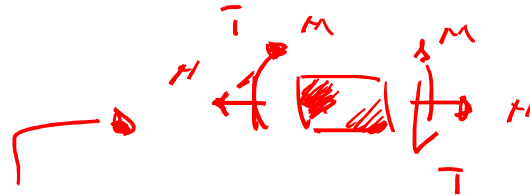
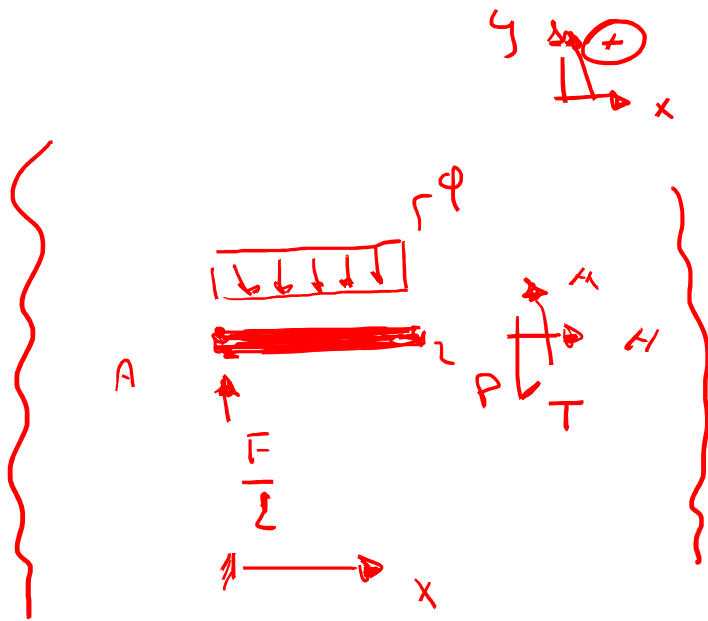
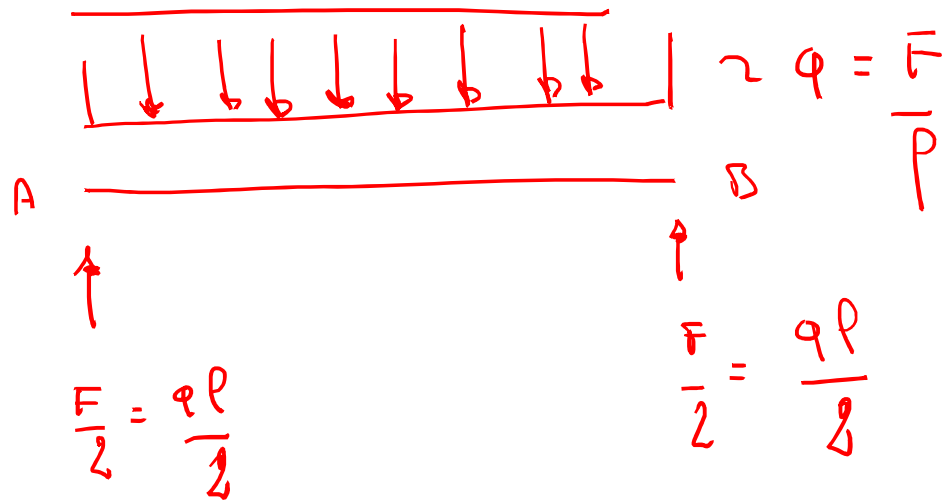
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$$\int_0^x q dx = qx$$

$$\left. \begin{aligned} F(q(0-x)) &= qx \\ F(A-B) &= qP \end{aligned} \right\}$$

$$\left. \begin{aligned} F^{0-x} &= qx \\ F^{A-B} &= qP = \frac{F}{P} P = F \end{aligned} \right\}$$



$$x: H = 0$$

$$y: F/2 - \cancel{F} - q x = T$$

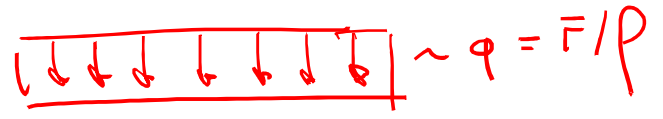
$$0 \Big|_P: -\frac{F}{2} x + H x + (q x) \frac{x}{2} = 0$$

• $M = 0 \rightarrow \cos^{-1} \frac{1}{2} = 60^\circ$

• $T = \frac{\bar{F}}{2} - q x = \frac{\bar{F}}{2} - \frac{\bar{F} x}{l}$ $\left(\frac{l}{2} - \frac{x}{l} \right)$ $\frac{x=0}{x=l/2}$ $\frac{F/2}{0} \rightarrow$ Linear fall: $\int x$

• $M = \frac{\bar{F} x}{2} - q \frac{x^2}{2} = \frac{\bar{F} x}{2} - \frac{\bar{F}}{l} x \frac{x}{2}$ $\frac{x=l}{- \bar{F}/2}$

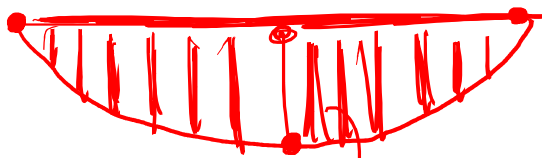
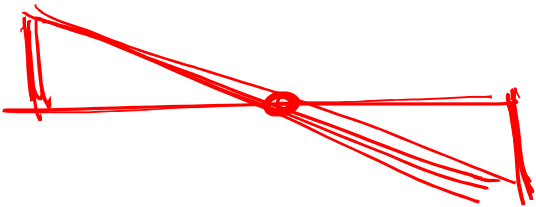
$= \frac{\bar{F} x}{2} \left(\frac{l}{2} - \frac{x}{l} \right) \rightarrow$ quadratic: $\int x^2$



_____ [N]

_____ [τ]

_____ ^



[M]

[T]

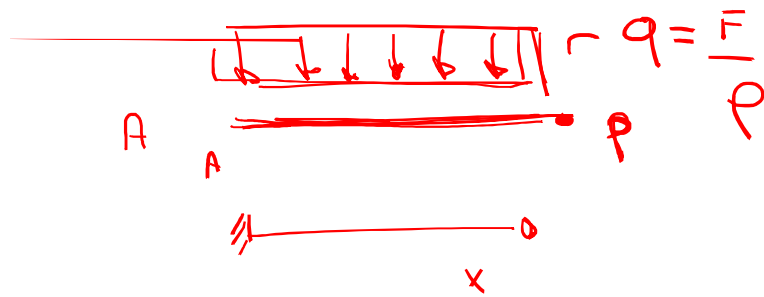
[N]

$$\frac{7}{8} P \left(1 - \frac{1}{2}\right) = \frac{7P}{2 \cdot 2 \cdot 2} = \frac{7P}{8}$$

$$\frac{7}{2} \times \left(\frac{P}{2} - \frac{X}{P}\right)$$

d. A pannello T
Dalla parte delle
fibre Tese

$$\frac{q l^2}{8}$$



$$F(q_A - P) = q \cdot x$$

$$\Delta x (q_A - P) = q x \frac{x}{2} = \frac{q x^2}{2}$$