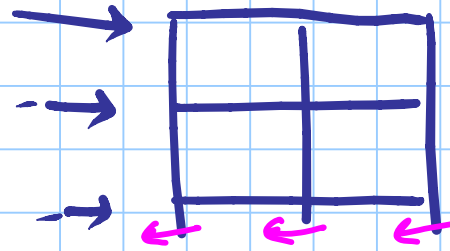
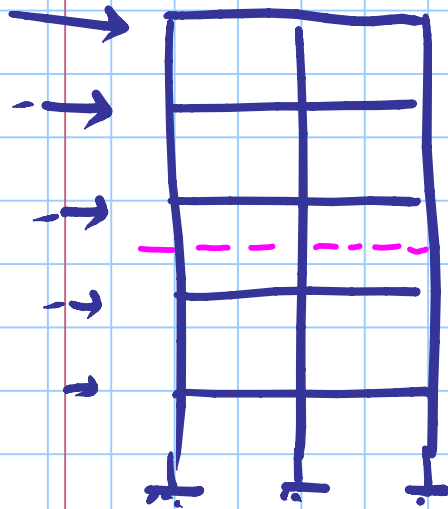


forza orizz.



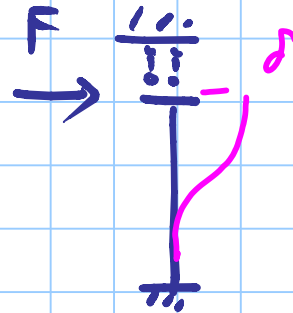
Forze nei pilastri

EQUILIBRIO  
TRASL. ORIZ.

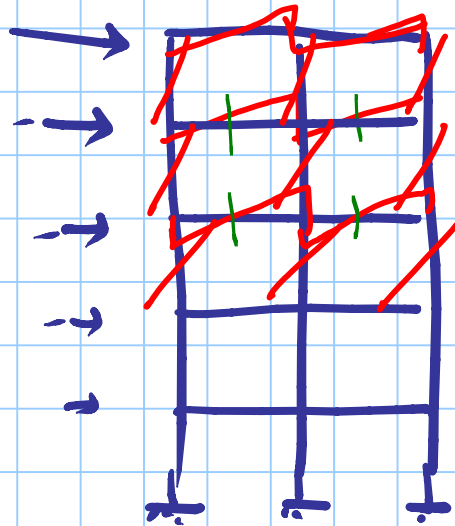
Ogni pilastro contribuisce  
in base alla sua rigidità

# RIFI DEZZA

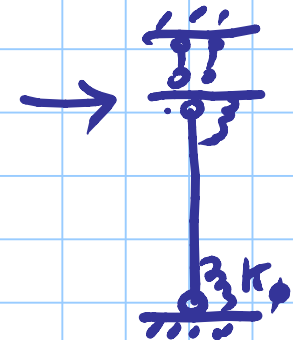
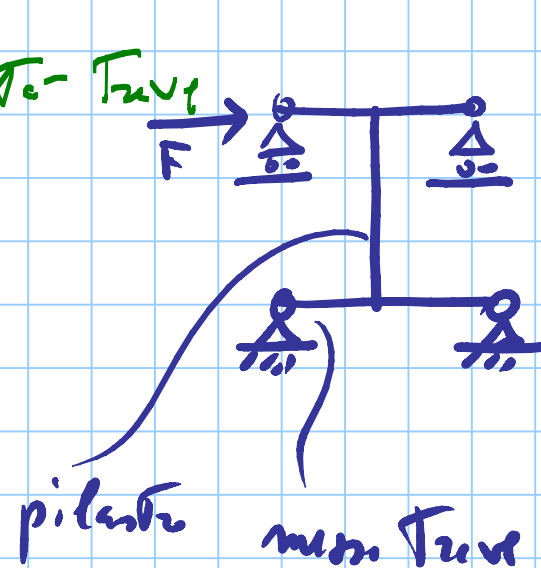
Trave inf. rigida

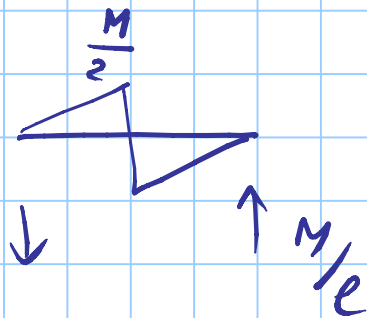
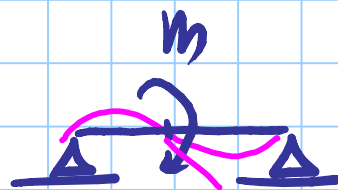


$$K = \frac{12 E I_r}{l_r^3}$$

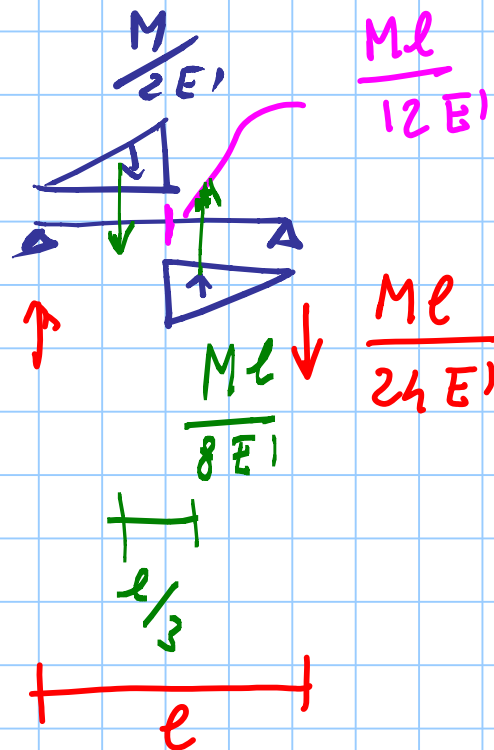


punti di null  
circa a metà Trave





$$K_{\phi} = 12 \frac{EI}{e}$$



ne prende le mte perché la Trave  
vinde sia pil. sup. che pil. inf.

$$K_{\phi} = 6 \frac{EI_t}{e_t}$$

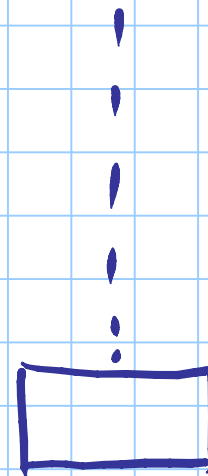
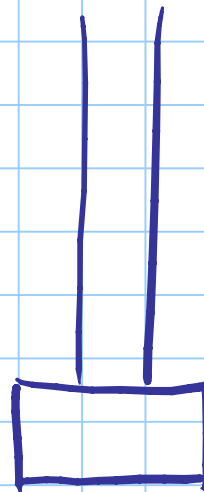
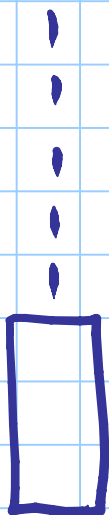
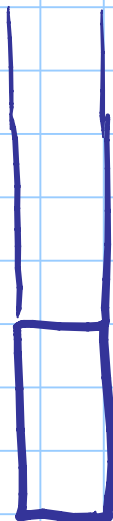
$$r = \frac{EI_p / L_p}{6EI_t / L_t}$$

$$d_r = \frac{VL_p^3}{12EI_p} \left[ 1 + 3 \frac{r_1 + r_2 + 4r_1 r_2}{1 + r_1 + r_2} \right]$$

$$\cong \frac{VL_p^3}{12EI_p} [1 + 3(r_1 + r_2)]$$

$$K = \frac{12EI_p}{L_p^3} \frac{1}{1 + 3(r_1 + r_2)}$$

$$\text{rigidezza} = \frac{12EI_p}{L_p^3} \frac{1}{1 + \frac{1}{2} \left( \frac{EI_p / L_p}{EI_{t,\text{sup}} / L_t} + \frac{EI_p / L_p}{EI_{t,\text{inf}} / L_t} \right)}$$



RIGIDO

