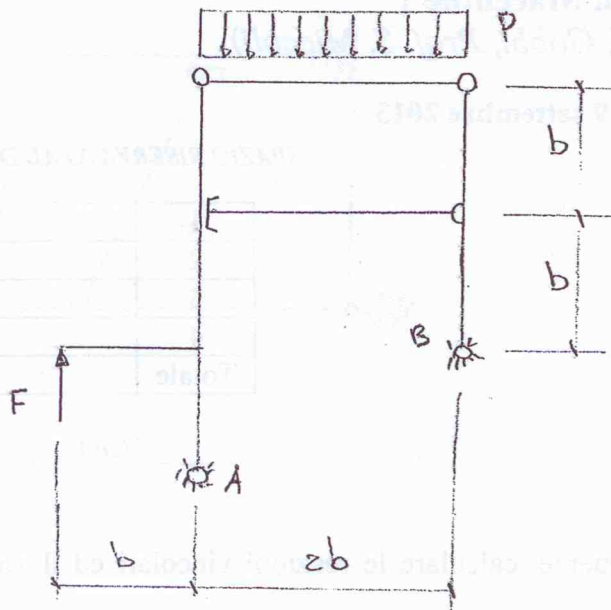
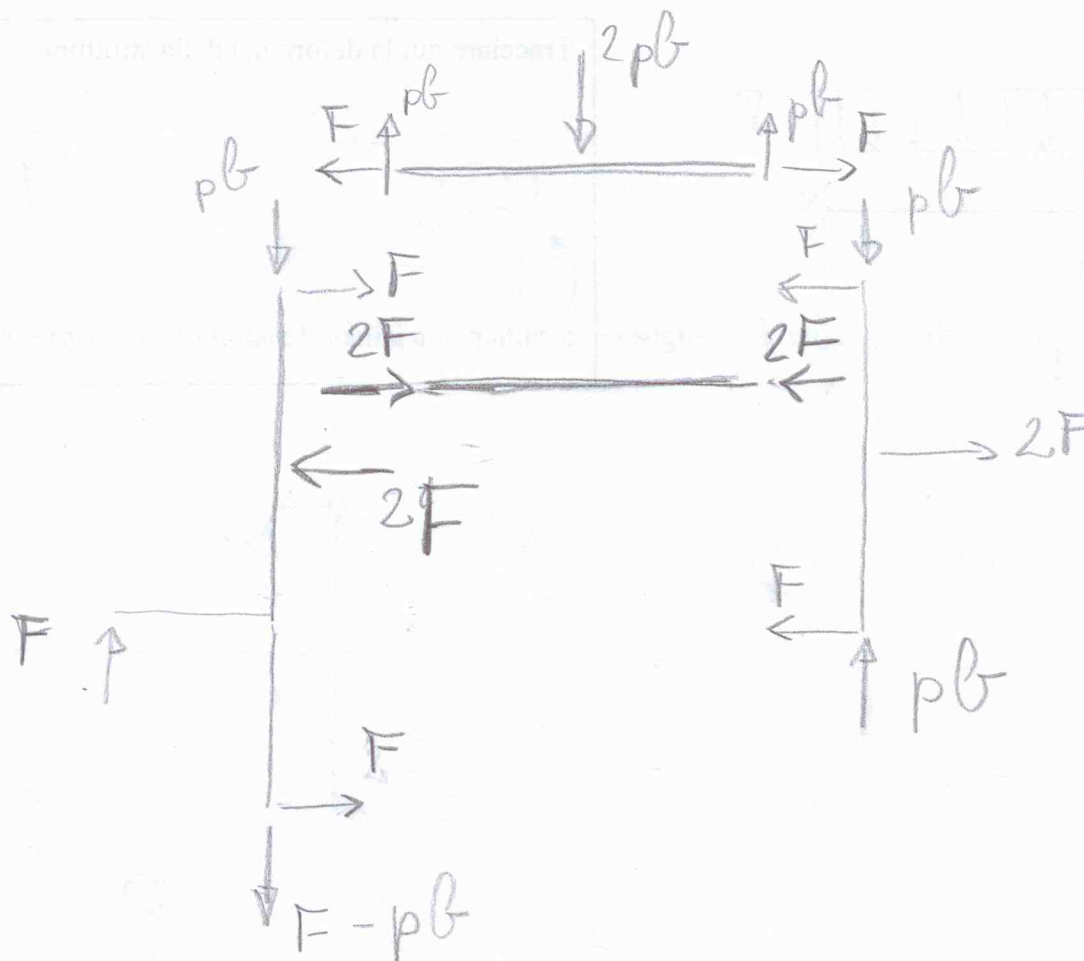


**FCM: Esercizio 2.** Calcolare le reazioni vincolari e diagrammare le azioni interne per la seguente struttura (indicare la convenzione scelta).



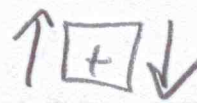
Schema per le reazioni vincolari nelle due cerniere a terra (punti A, B):

	$R_v$	$R_o$	$M$
A	$-F + pb$	$F$	$\checkmark$
B	$pb$	$-F$	

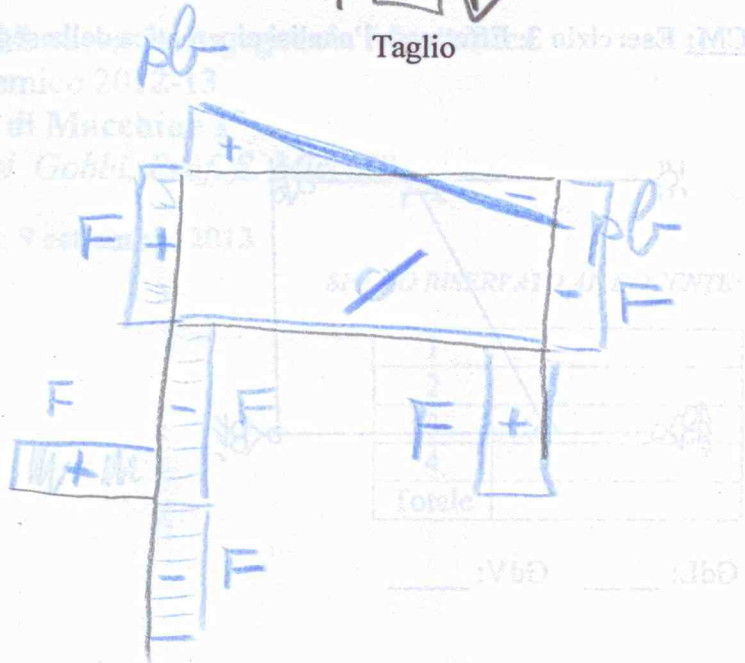
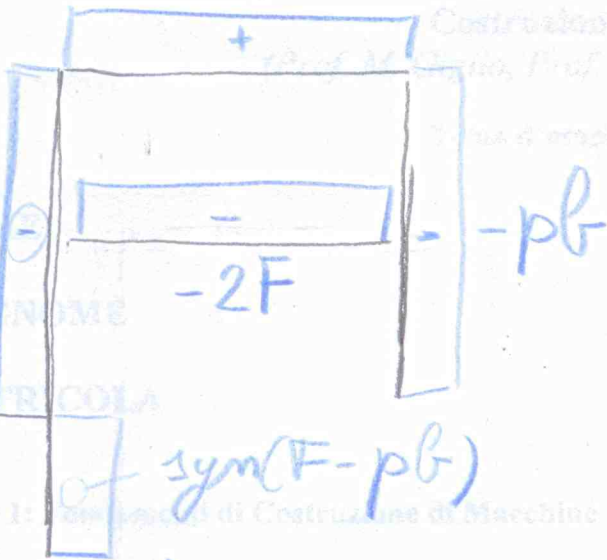




Azione assiale



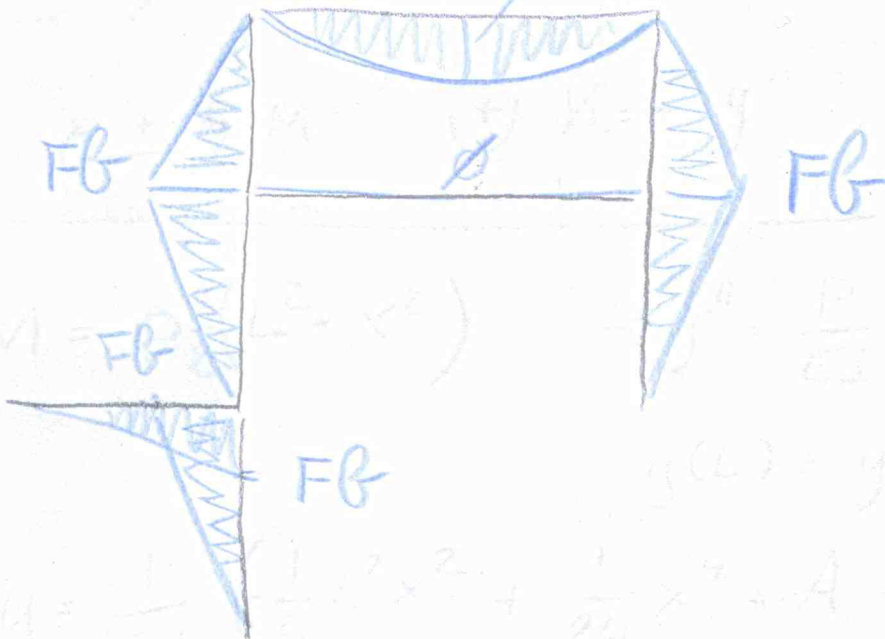
Taglio



$$F = pb$$

Momento flettente

$$\frac{pb^2}{2}$$



$$y(L) = y(0) = 0$$

$$y = \frac{1}{24} p x^4 + \frac{1}{24} p L^3 x^2 + A + Bx$$