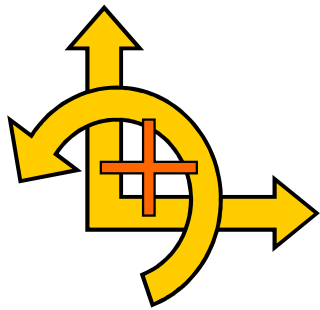


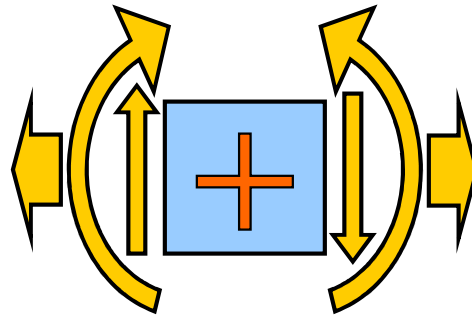
Studio delle Travature Isostatiche

4-1
4-2
4-3

Convenzioni sui segni:

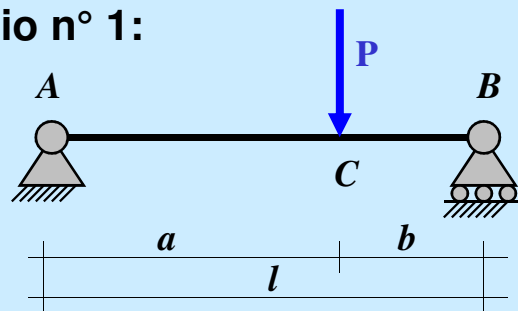


*Forze e
Momenti*

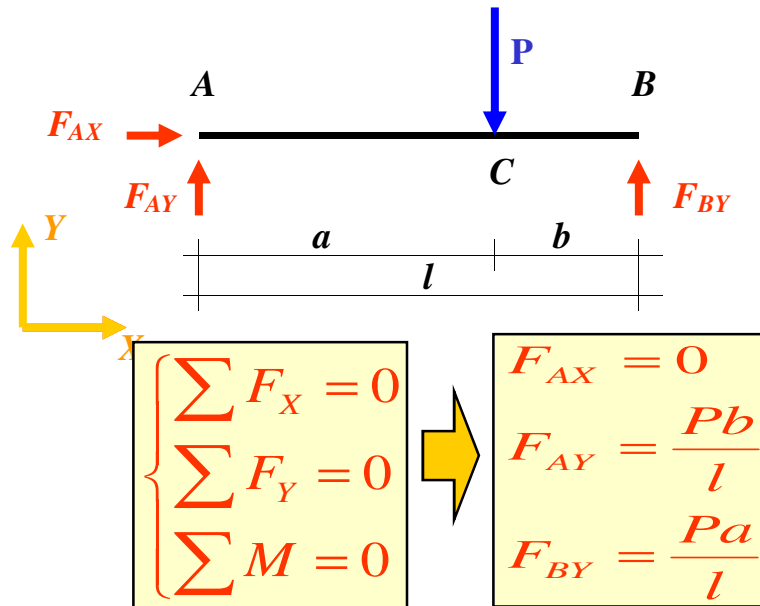


*Trazione, Taglio e
Momento flettente*

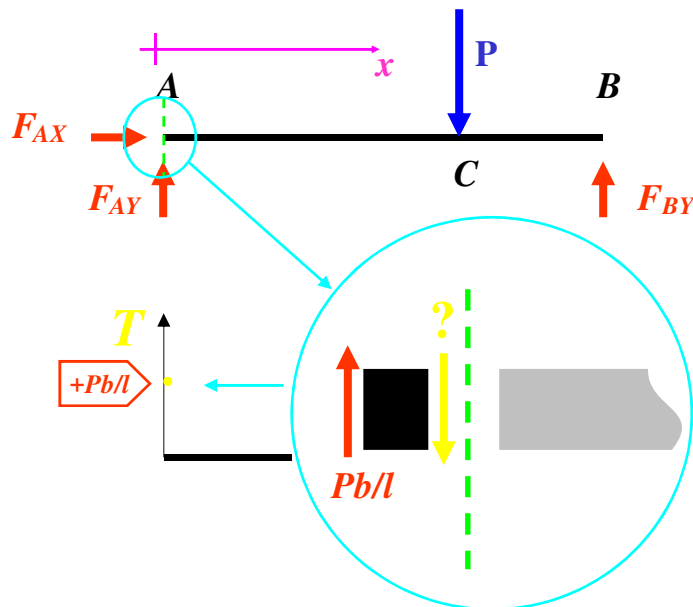
Esempio n° 1:



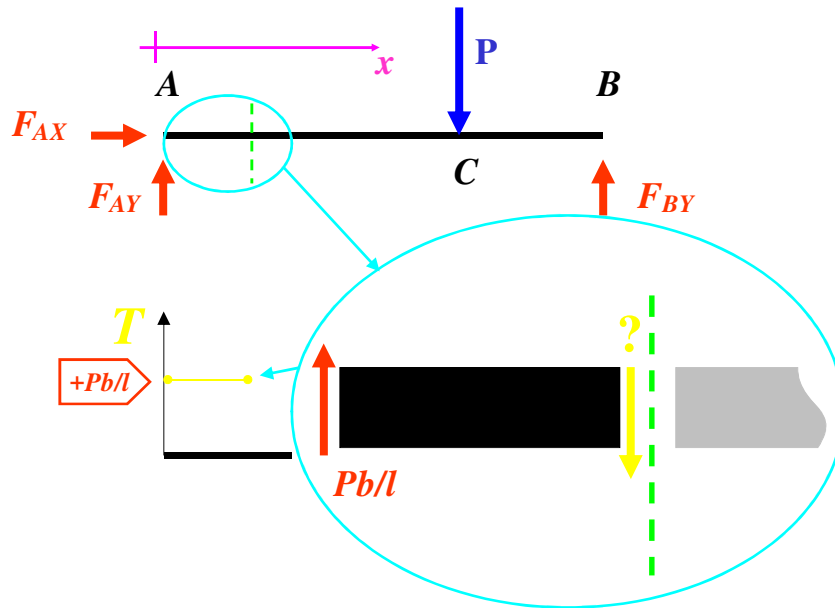
Calcolo delle reazioni vincolari:



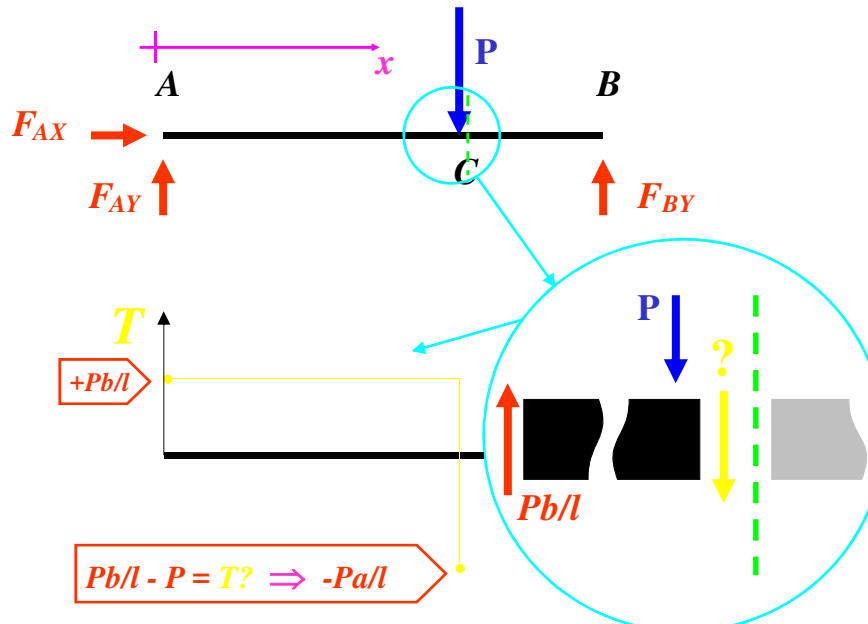
Diagrammi della sollecitazione: Taglio



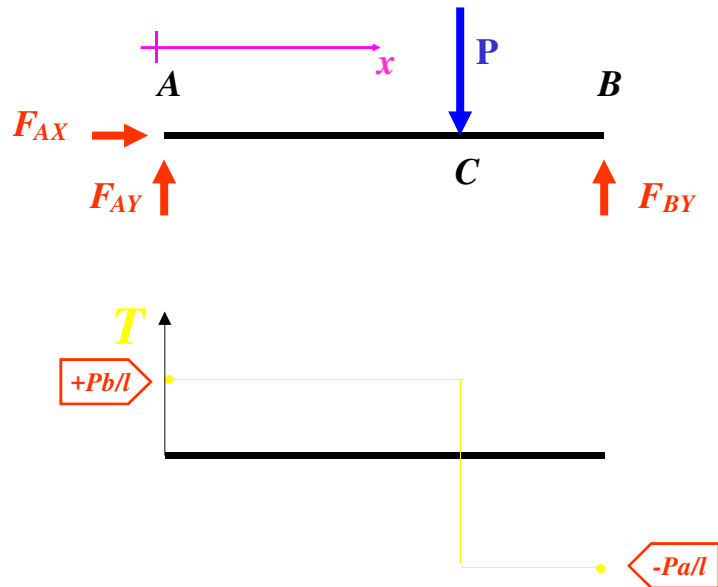
Diagrammi della sollecitazione: Taglio



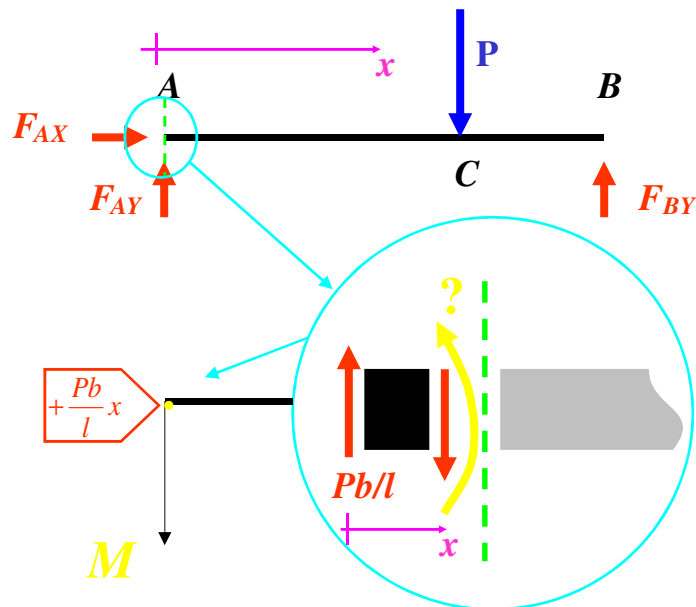
Diagrammi della sollecitazione: Taglio



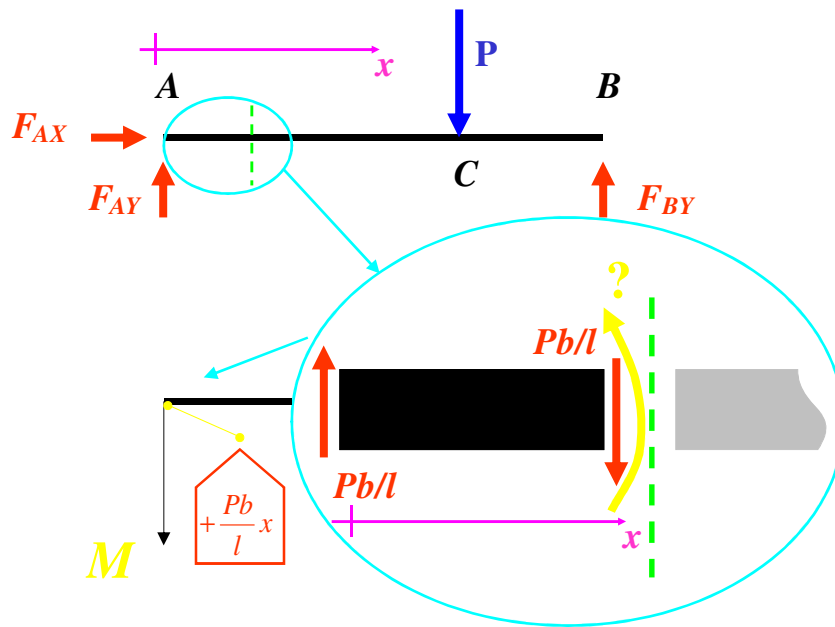
Diagrammi della sollecitazione: Taglio



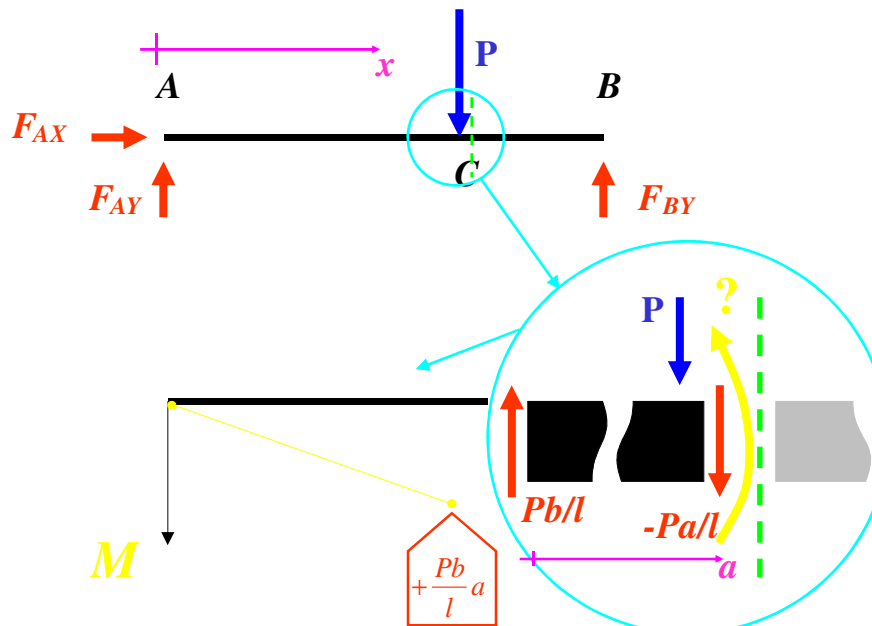
Diagrammi della sollecitazione: Momento Flettente



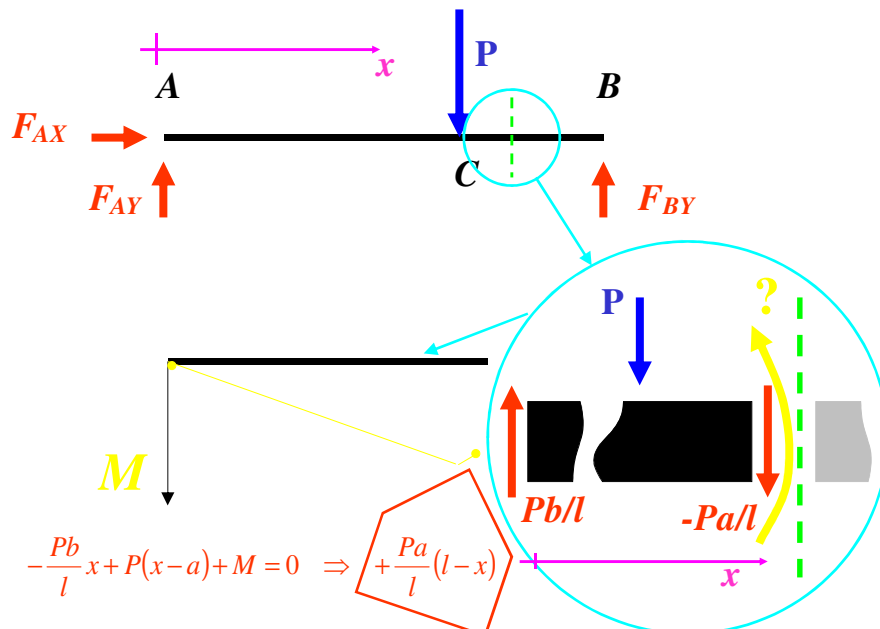
Diagrammi della sollecitazione: Momento Flettente



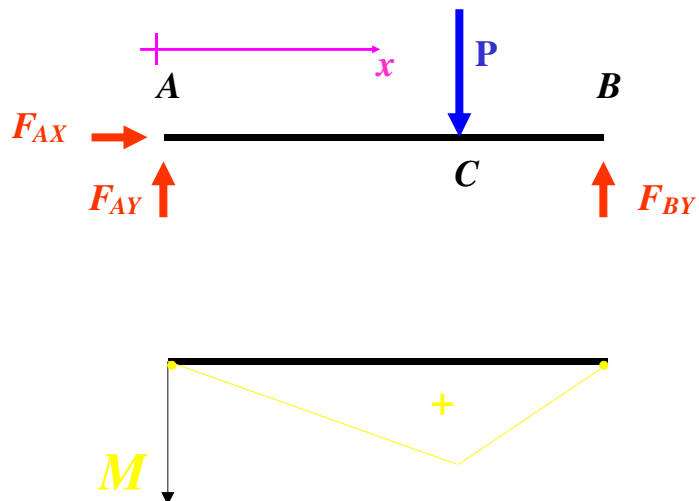
Diagrammi della sollecitazione: Momento Flettente



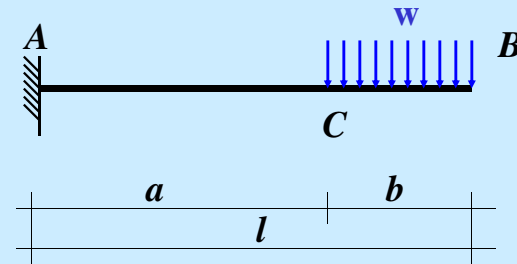
Diagrammi della sollecitazione: Momento Flettente



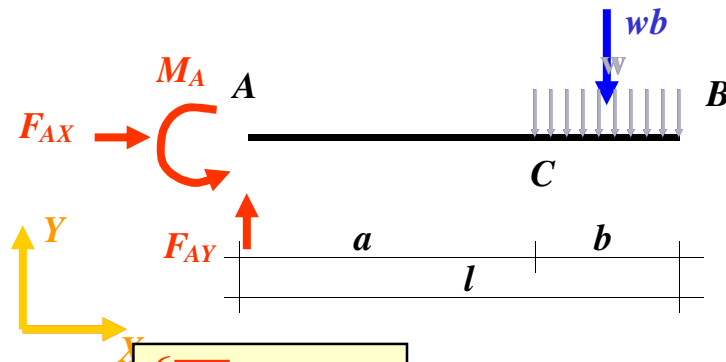
Diagrammi della sollecitazione: Momento Flettente



Esempio n° 2:



Calcolo delle reazioni vincolari:

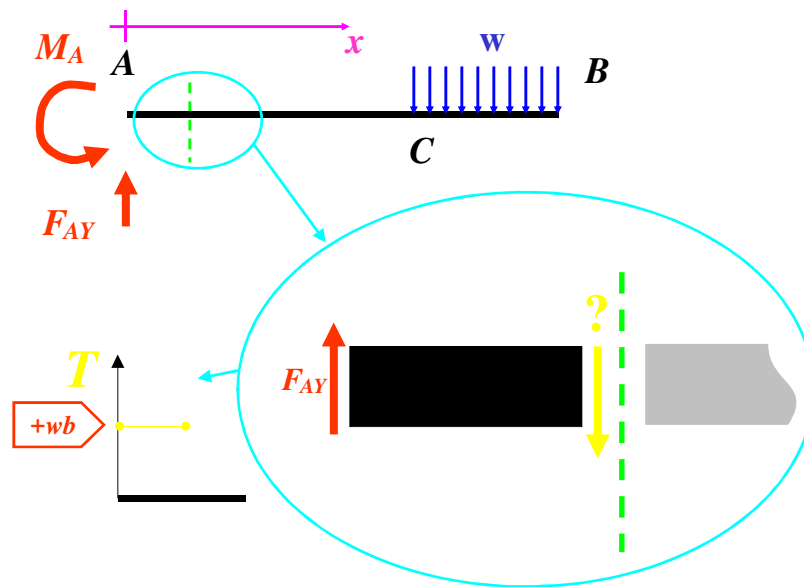


$$\begin{cases} \sum F_X = 0 \\ \sum F_Y = 0 \\ \sum M = 0 \end{cases}$$

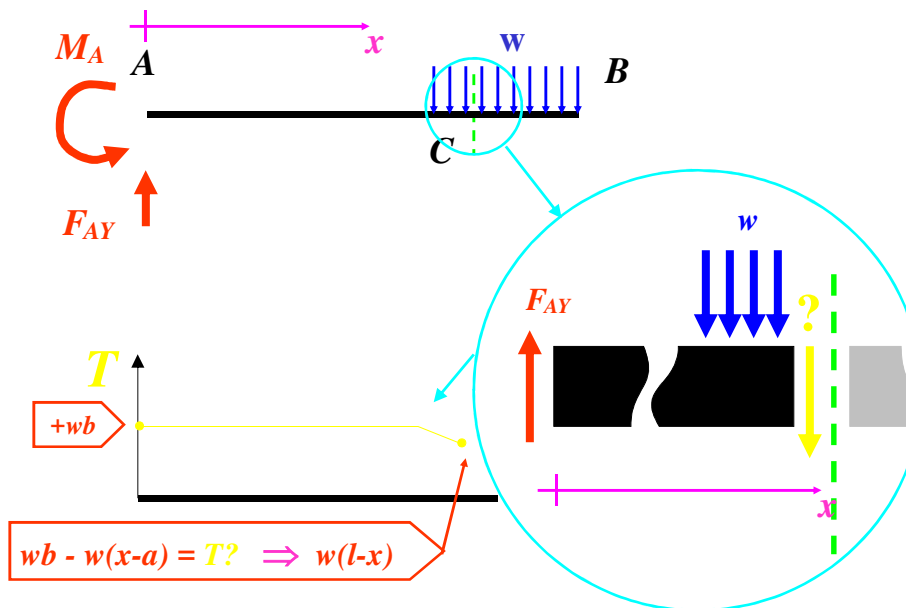


$$\begin{aligned} F_{AX} &= 0 \\ F_{AY} &= wb \\ M_A &= wb(a + b/2) \end{aligned}$$

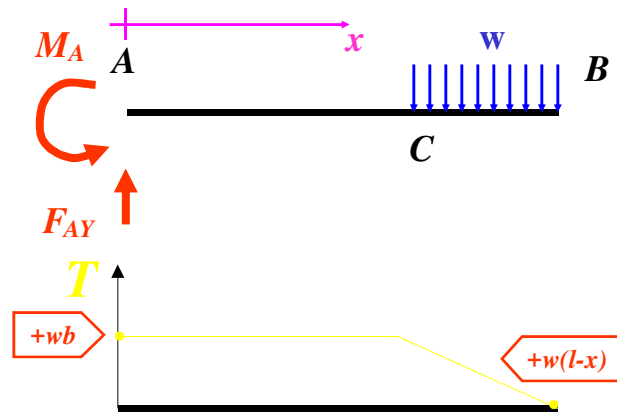
Diagrammi della sollecitazione: Taglio



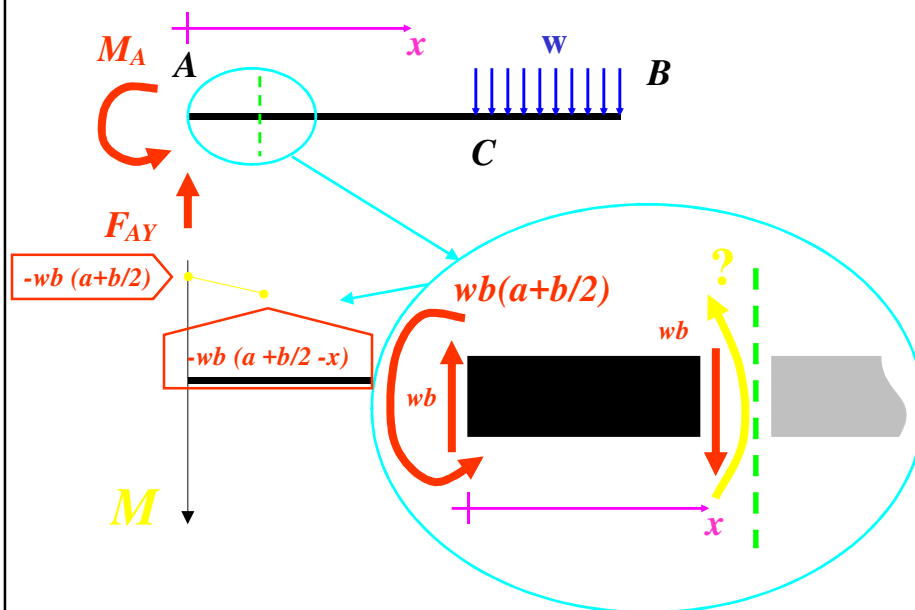
Diagrammi della sollecitazione: Taglio



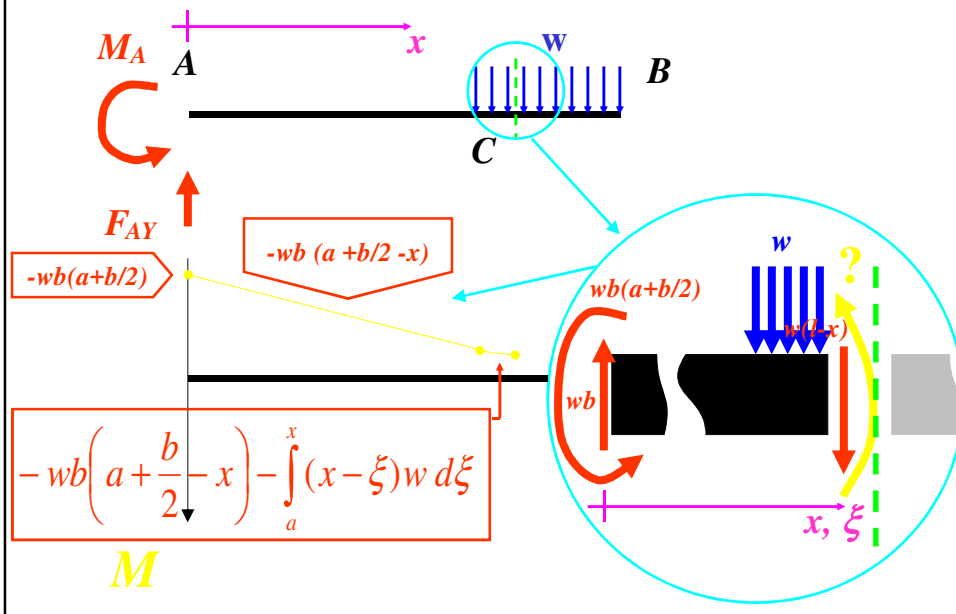
Diagrammi della sollecitazione: Taglio



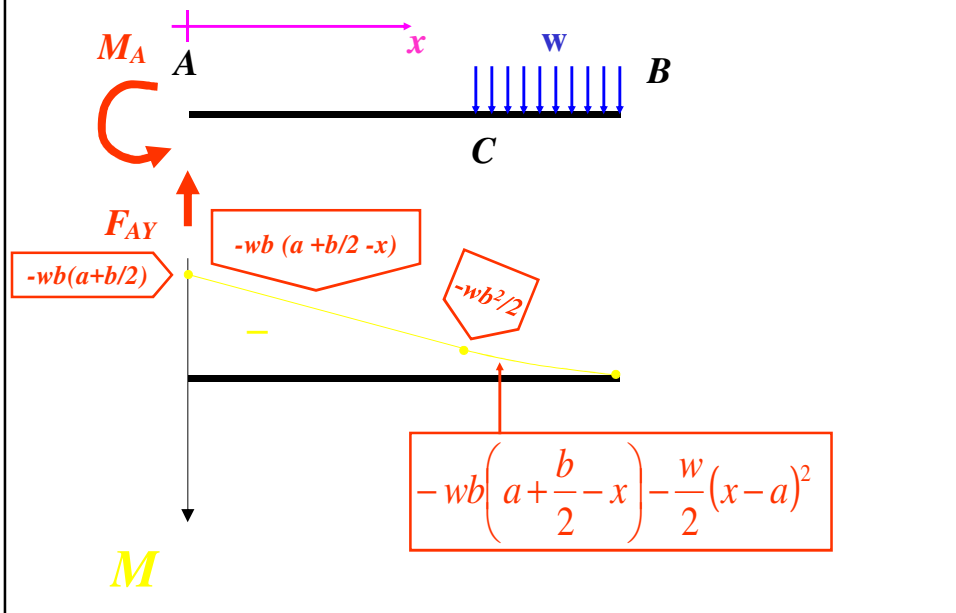
Diagrammi della sollecitazione: Momento Flettente



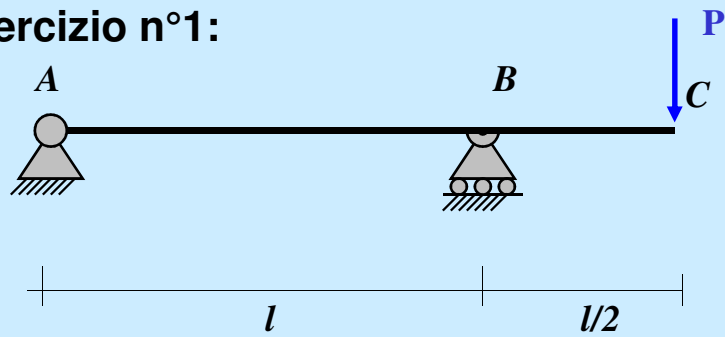
Diagrammi della sollecitazione: Momento Flettente



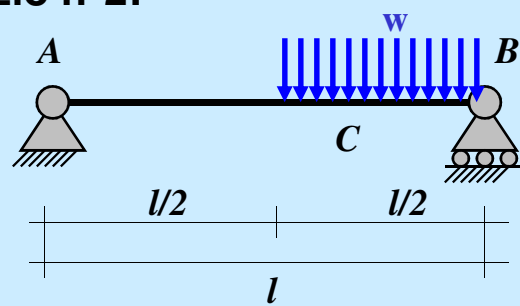
Diagrammi della sollecitazione: Momento Flettente



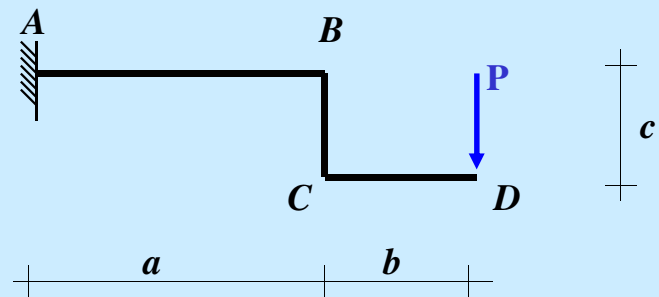
Esercizio n°1:



Esercizio n°2:



Esercizio n° 3:



Esercizio n°4:

