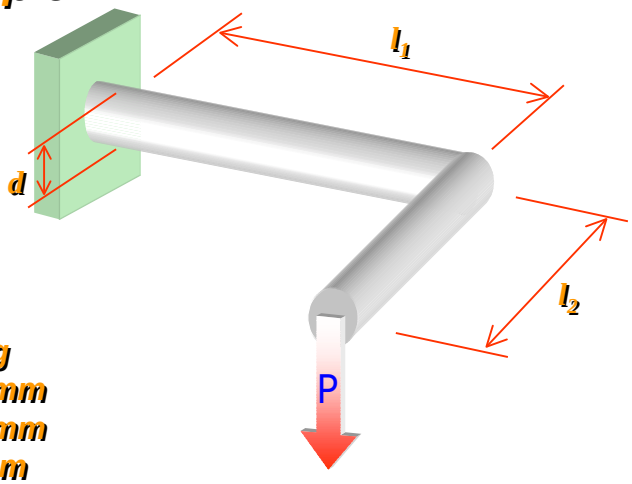
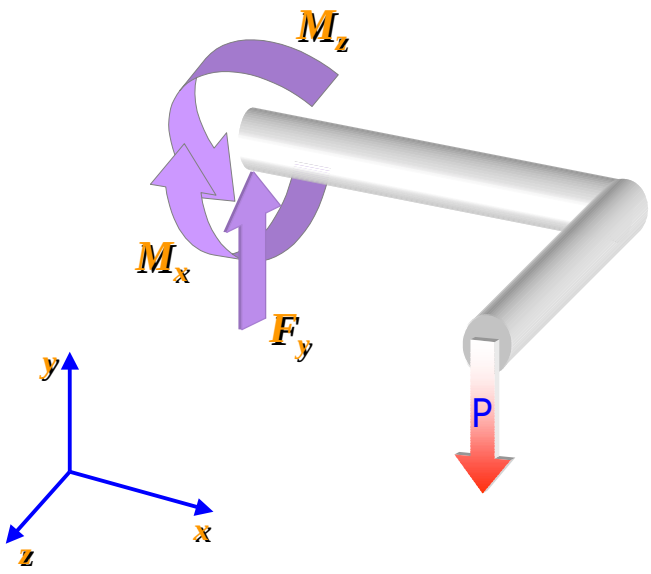
Analisi dello Stato Tensionale

Esempio n° 1:

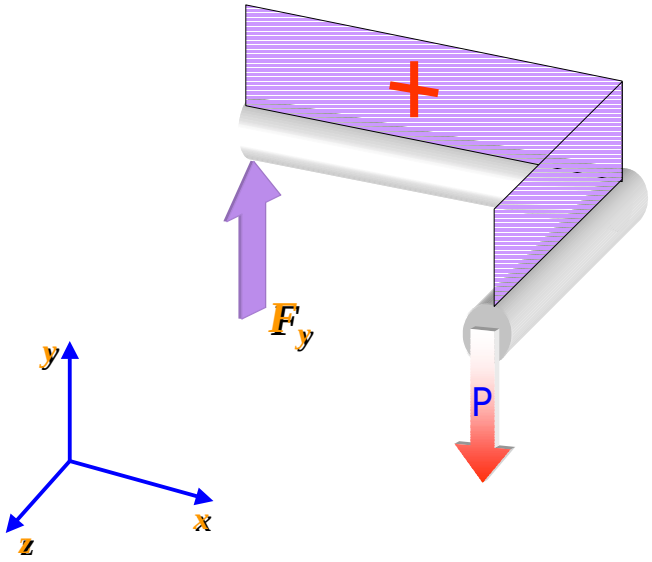


$P = 75\ kg$
$l_1 = 300\ mm$
$l_2 = 180\ mm$
$d = 16\ mm$

Reazioni vincolari:

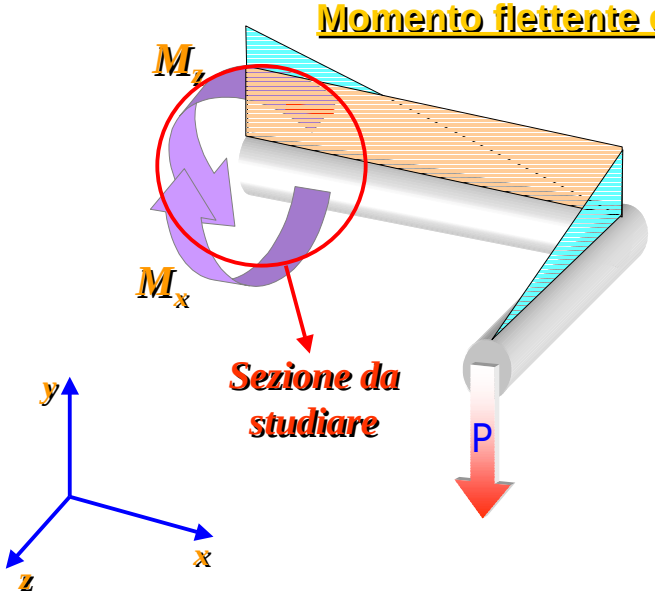


Diagrammi della sollecitazione: Taglio

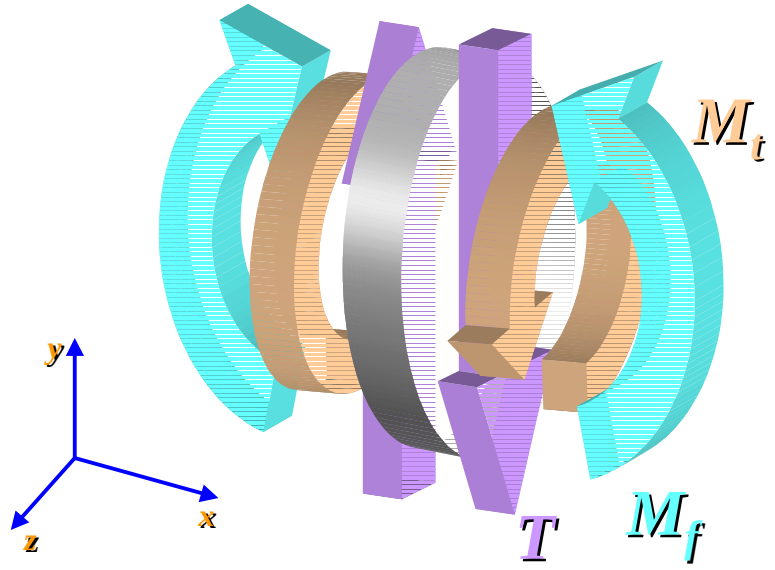


Diagrammi della sollecitazione:

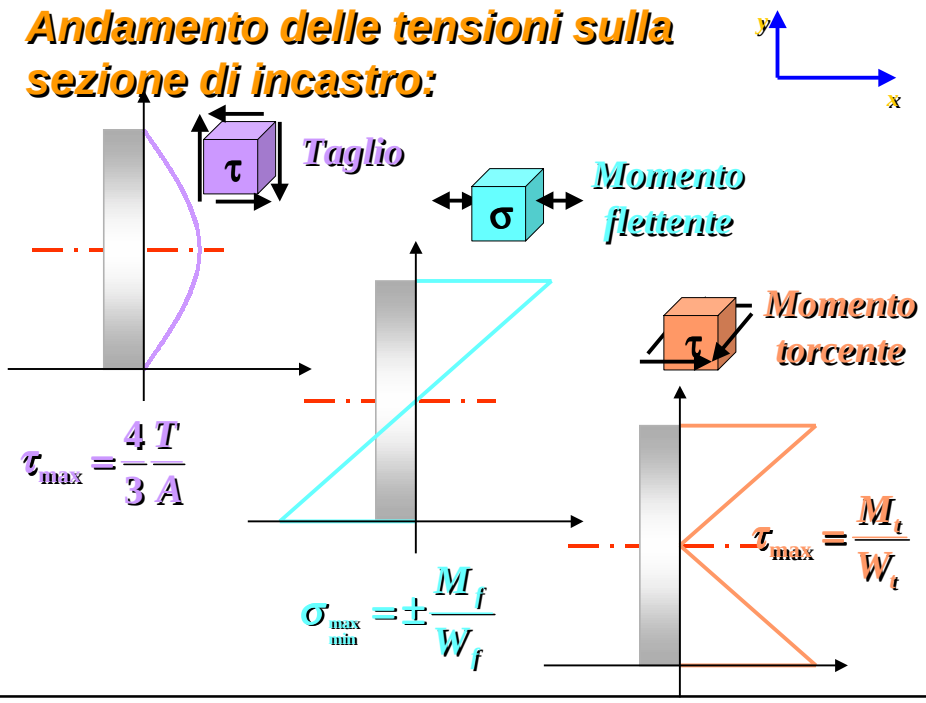
Momento flettente e torcente



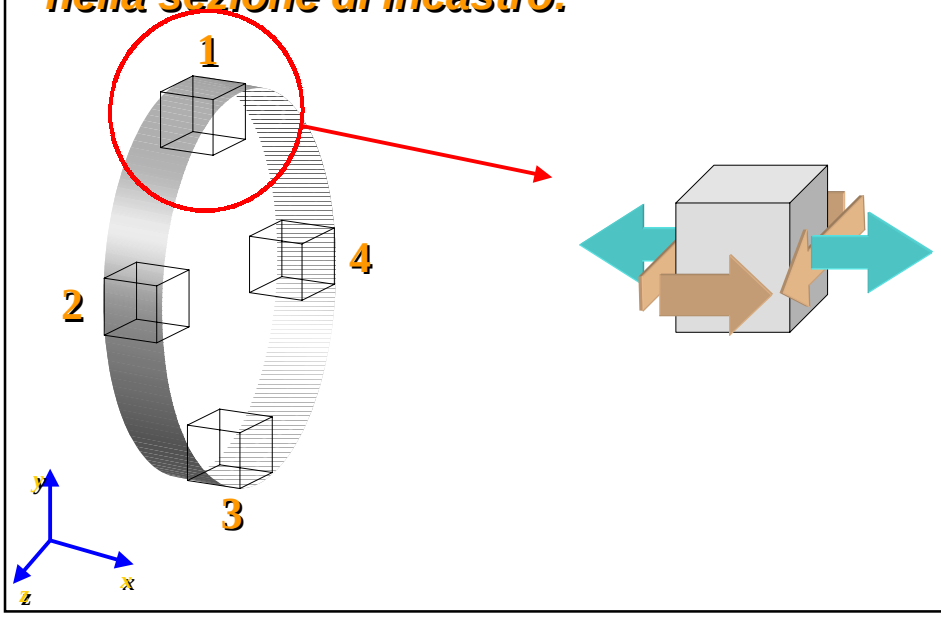
Riepilogo delle sollecitazioni sulla sezione di incastro:



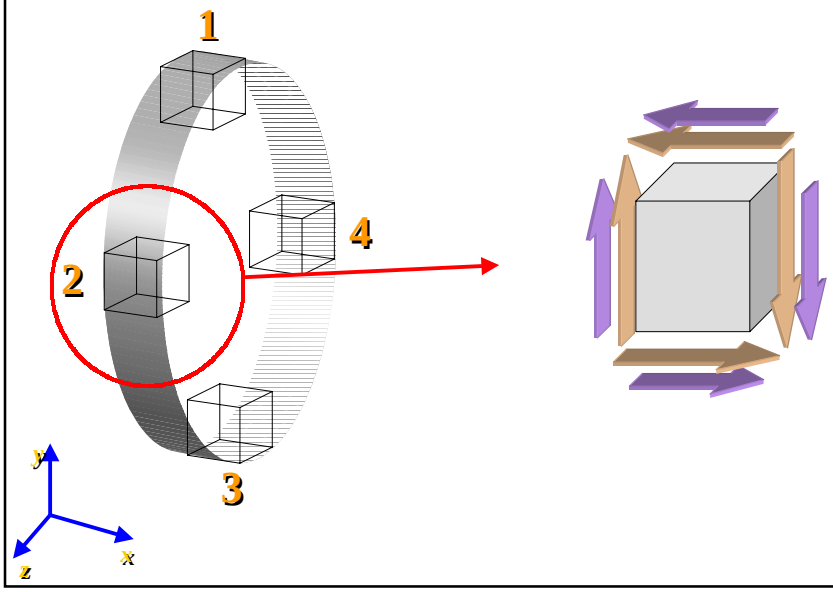
Andamento delle tensioni sulla sezione di incastro:



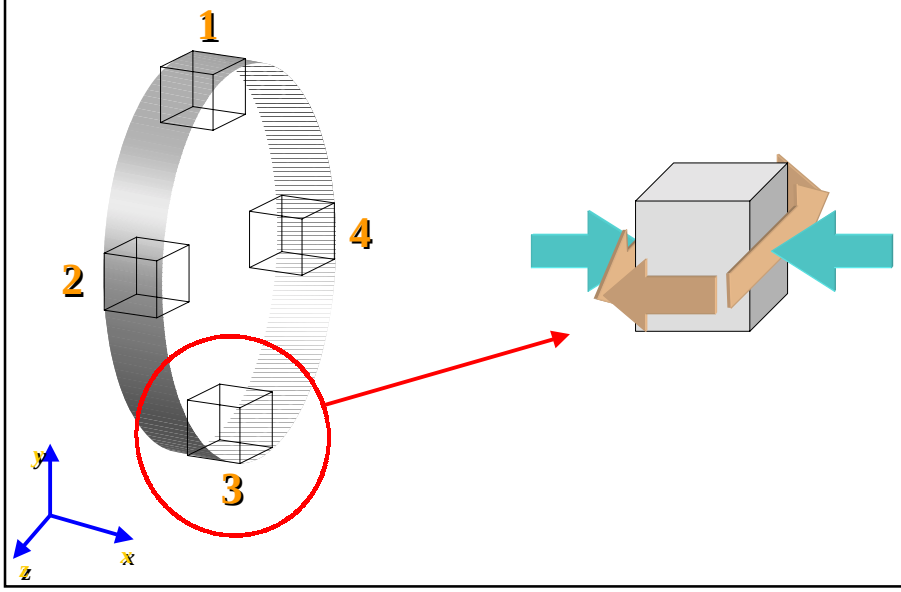
Riepilogo delle sollecitazioni nella sezione di incastro:



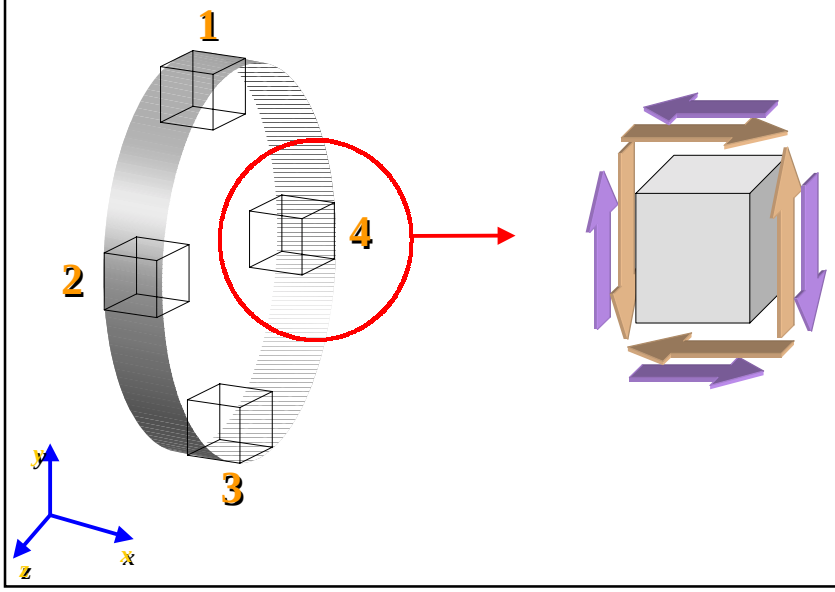
Riepilogo delle sollecitazioni nella sezione di incastro:



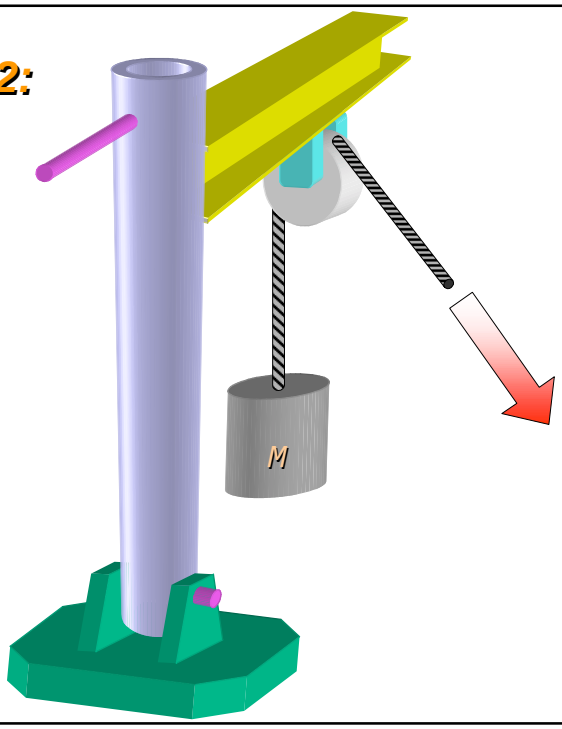
Riepilogo delle sollecitazioni nella sezione di incastro:

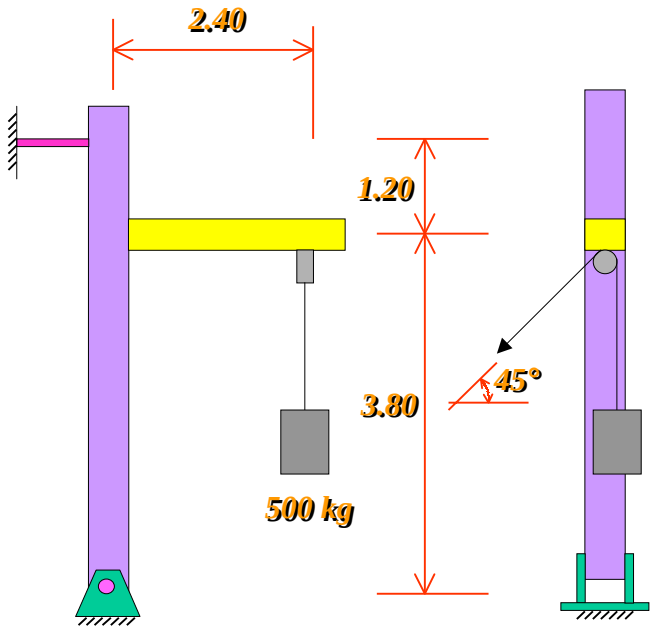


Riepilogo delle sollecitazioni nella sezione di incastro:



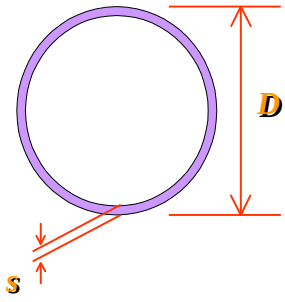
Esempio n° 2:





Colonna:

D = 300 mm
s = 10 mm



Traversa:

profilato HE 280
W_{x-x} = 1380 cm^3
W_{y-y} = 471 cm^3