

COMPITO 30/1 ou 9 circa

Titolo nota

24/01/2013

anla D41 9.00

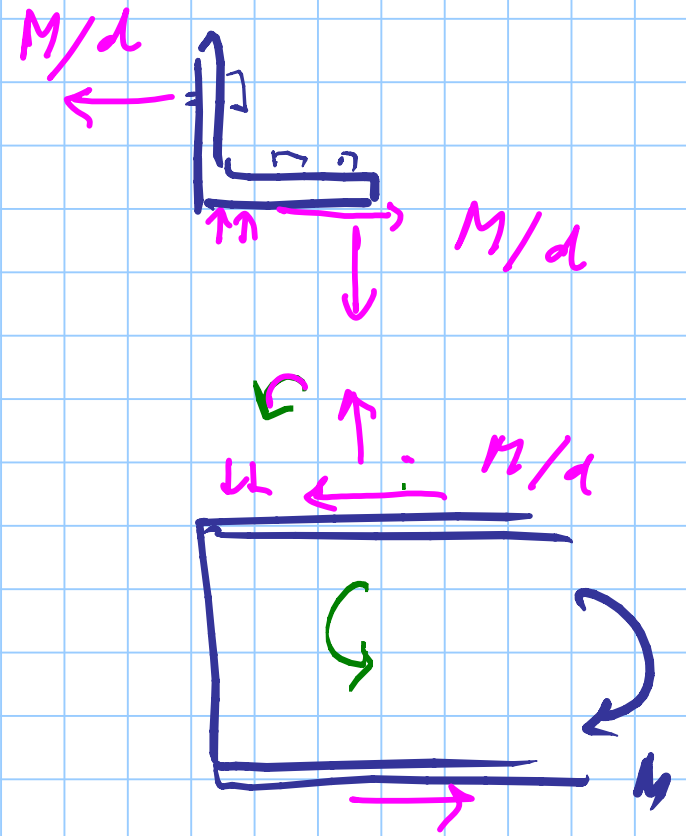
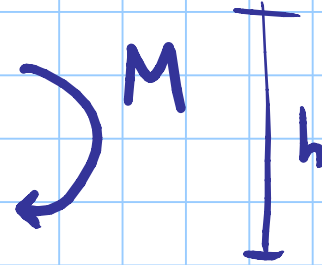
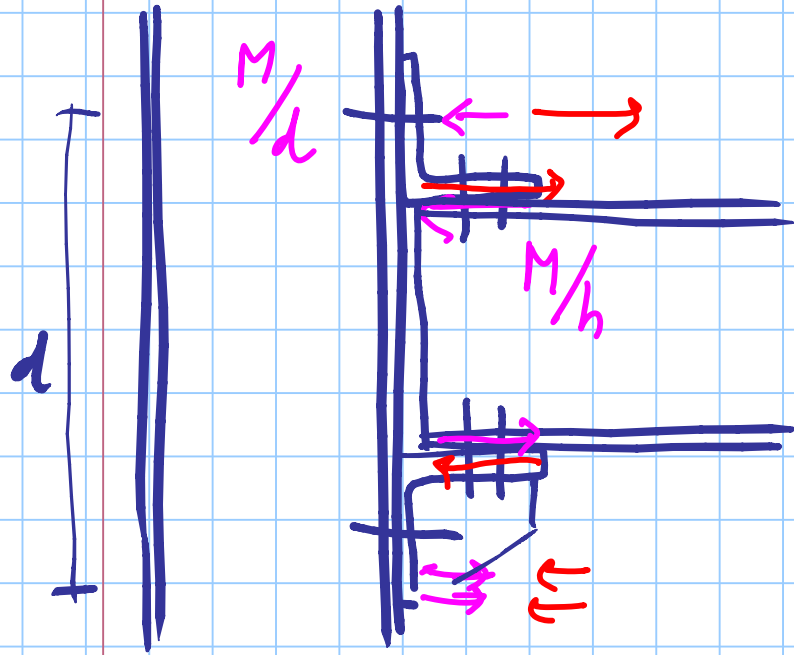
de Amaro a Gatto

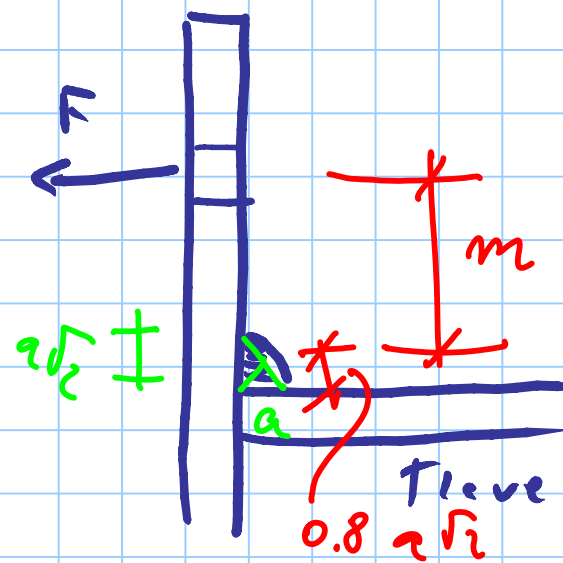
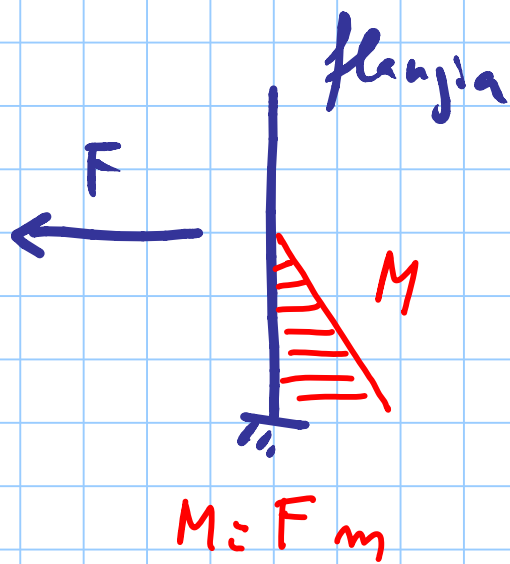
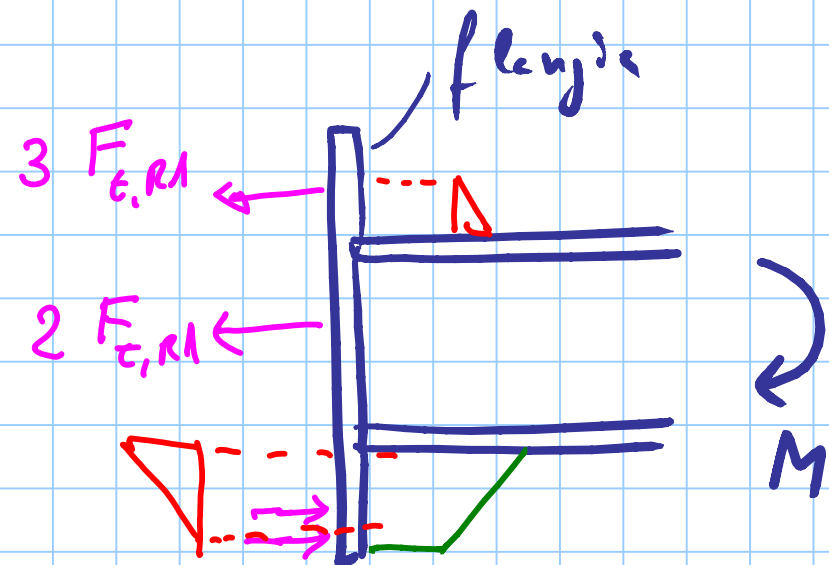
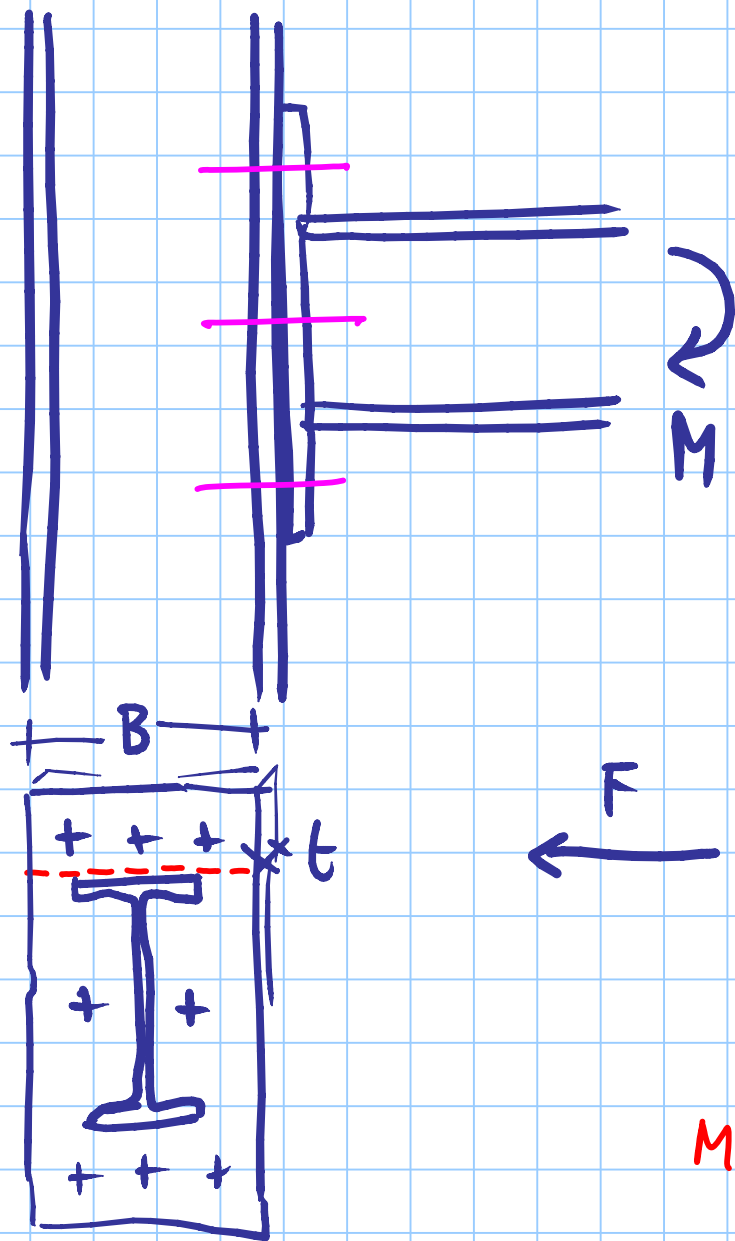
anla D42 9.10

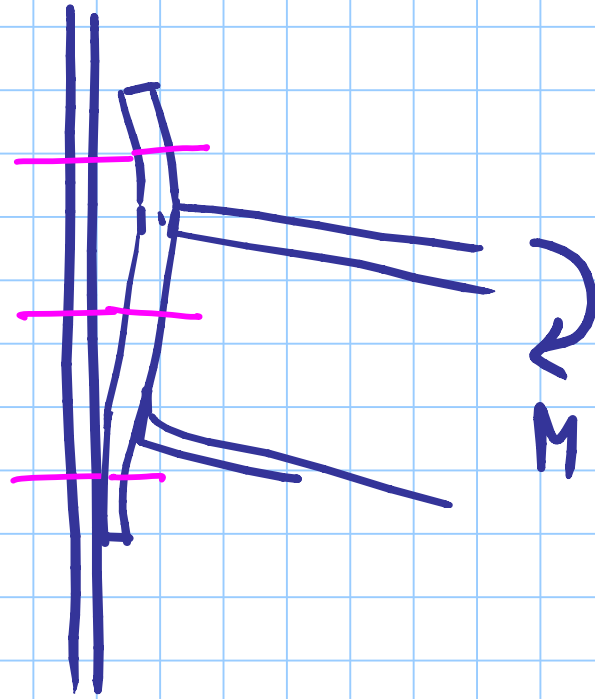
de Genovese a Ricca

anla D43 9.20

de Rizzo a Zuccato



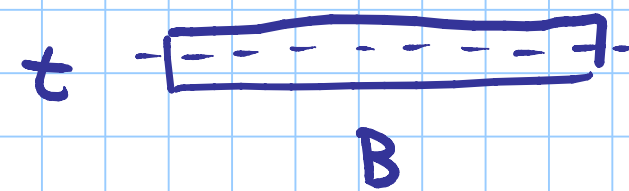


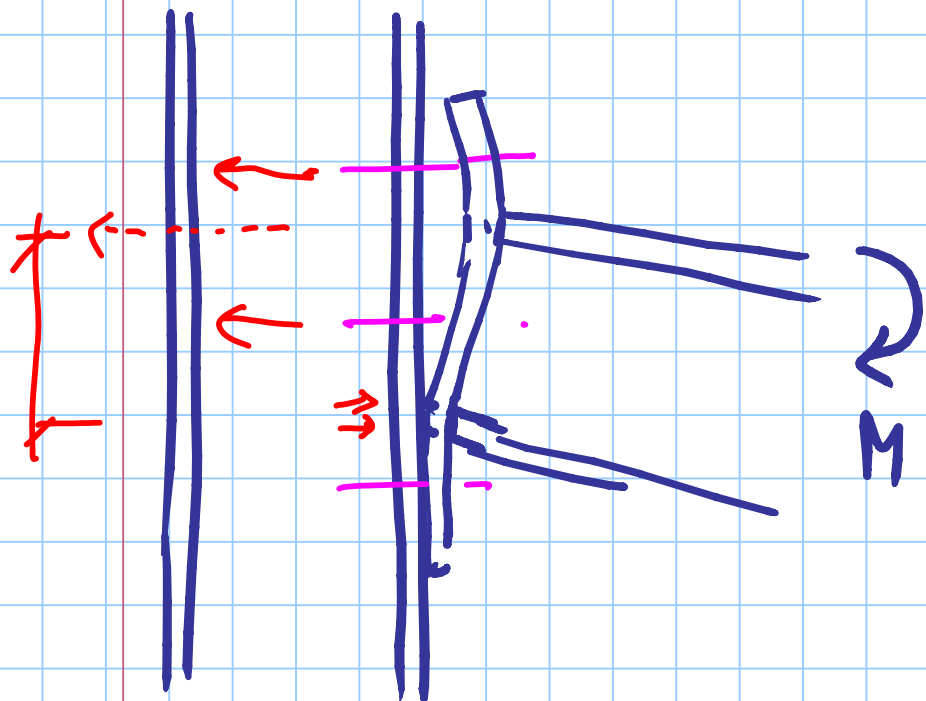


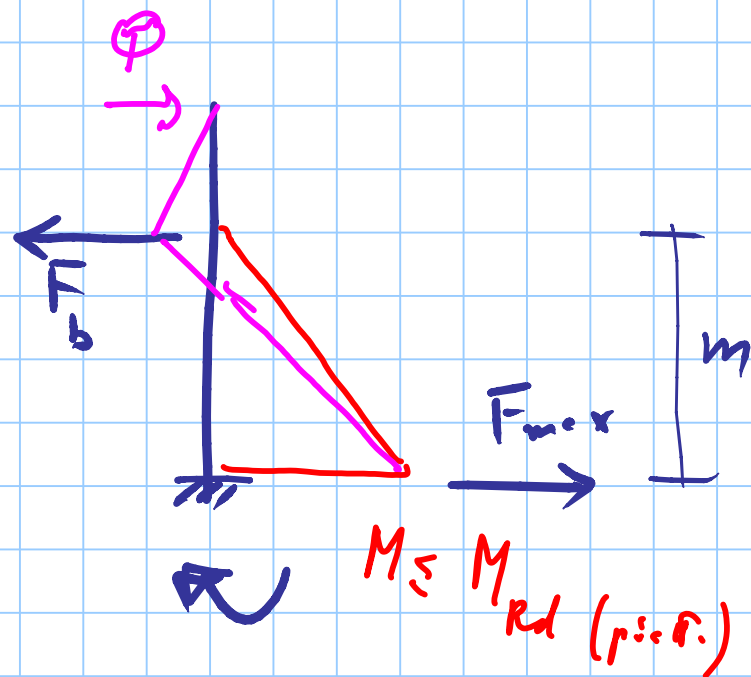
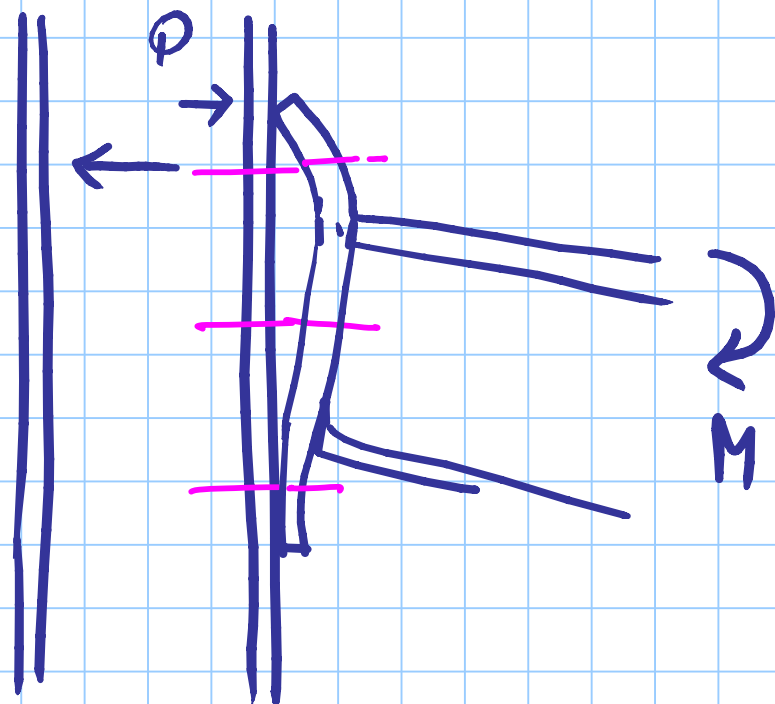
flange:

$$M_{Ra} = W_{pl} \frac{f_y}{\gamma_{m0}}$$

$$W_{pl} = \frac{B t^2}{4}$$



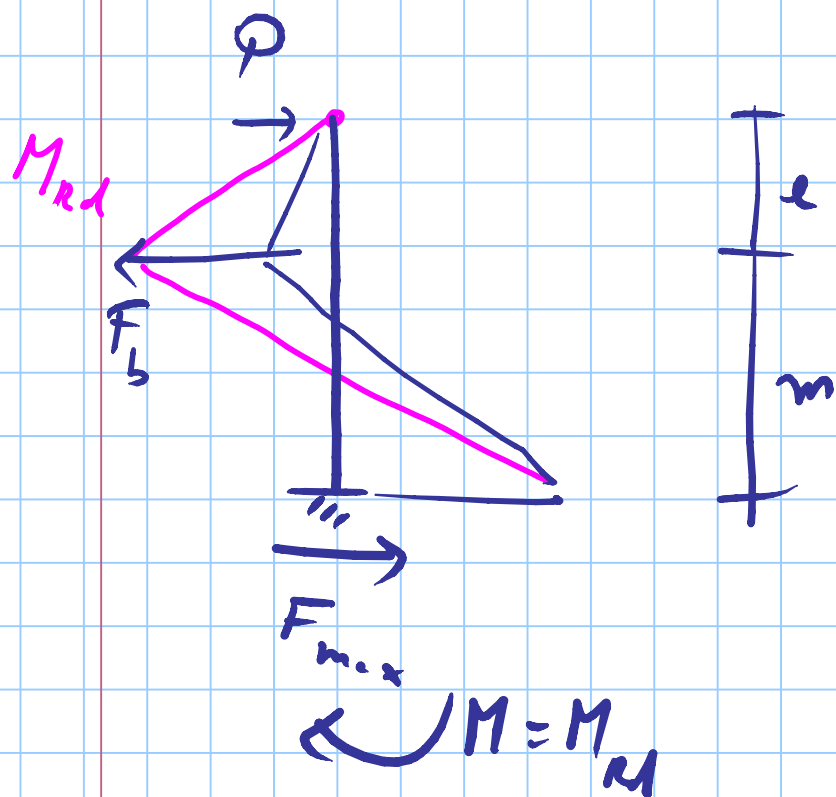




$$M = F_m$$

$$F_{max} = \frac{M_{rd}}{m}$$

$$F_b = F_{max}$$

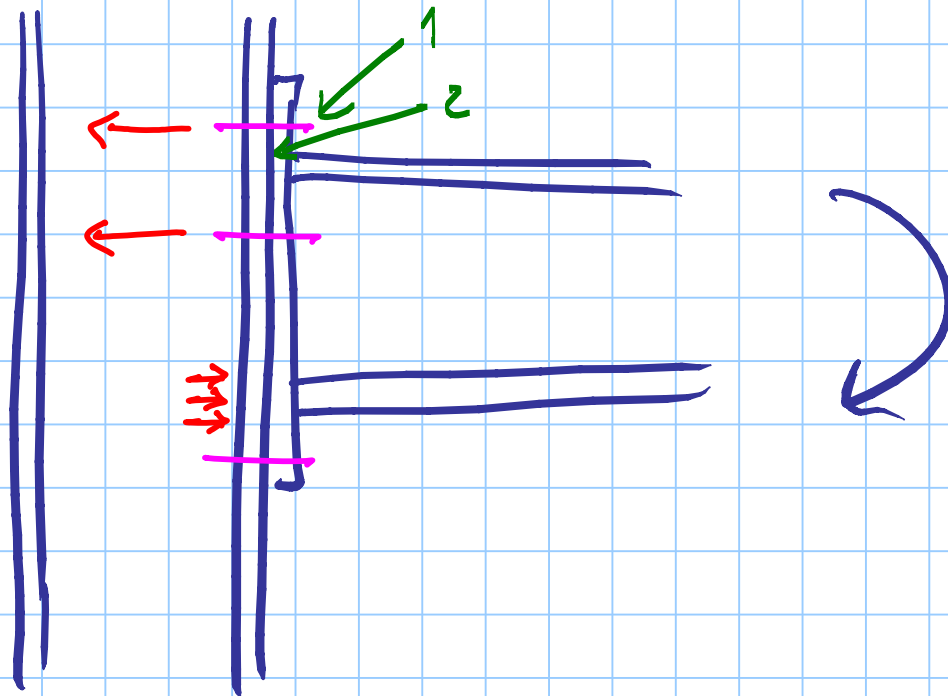


eq. rotation

$$F_b e - F_{max} (e + m) + M_{Rd} = 0$$

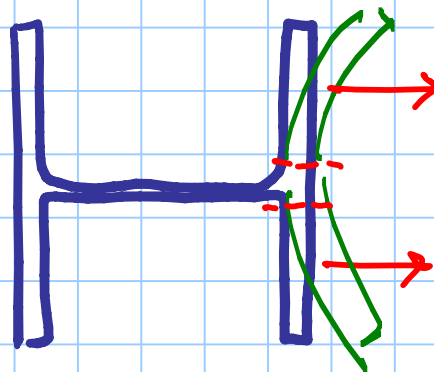
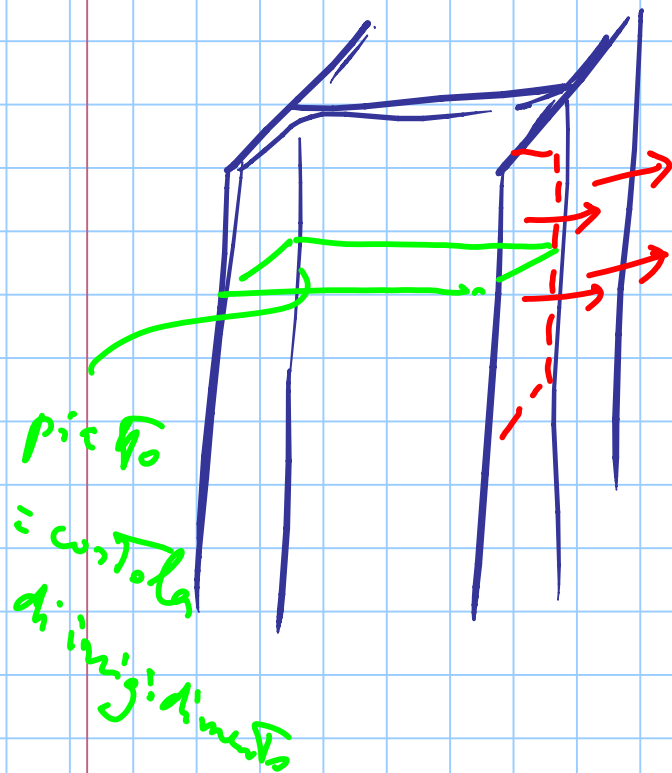
$$F_{max} = \frac{M_{Rd} + F_b e}{e + m}$$

$$F_{max} = \frac{2 M_{Rd}}{m}$$

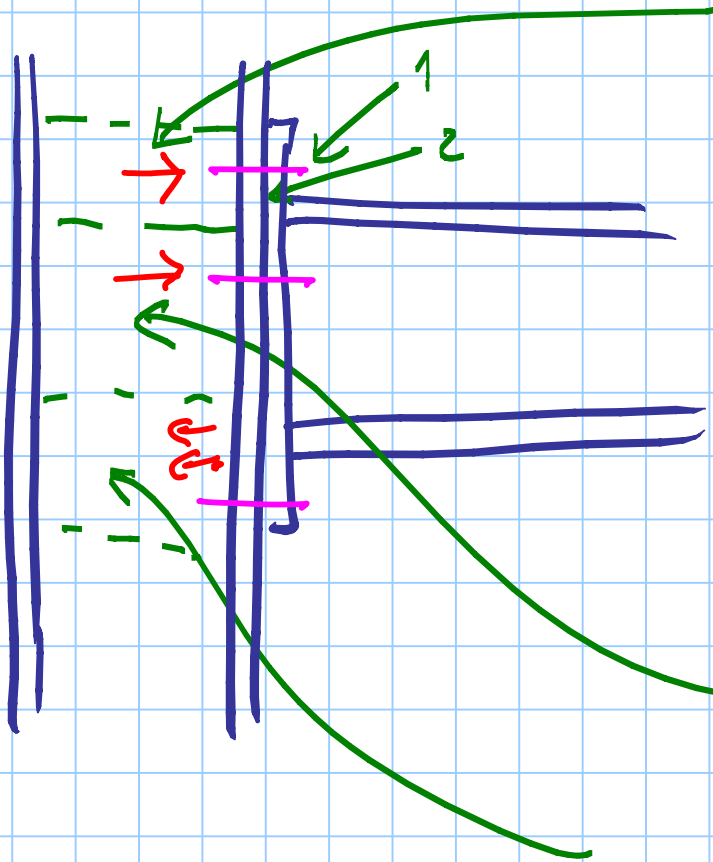


1) verifica bulloni
a trazione e
piatto a punzonamento

2) verifica flange
a flessione



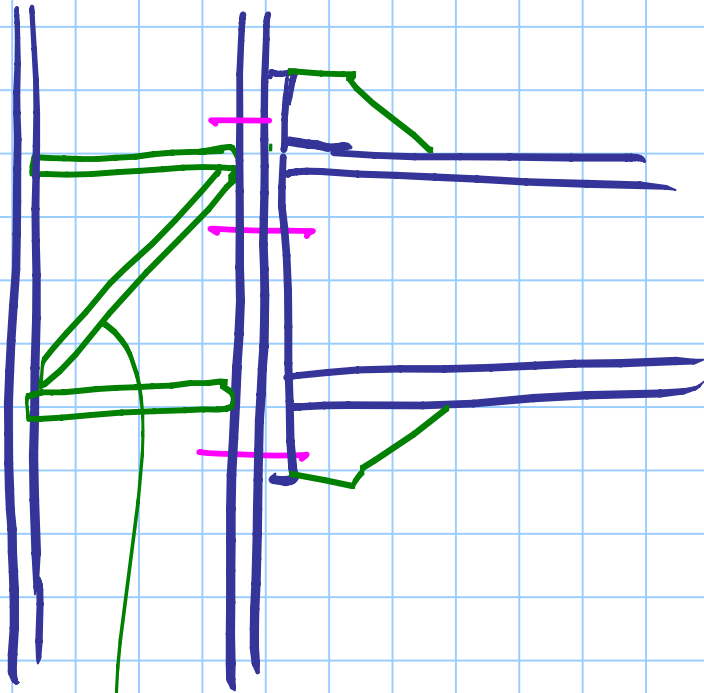
3) verifica a flessione
dell'ala della colonna



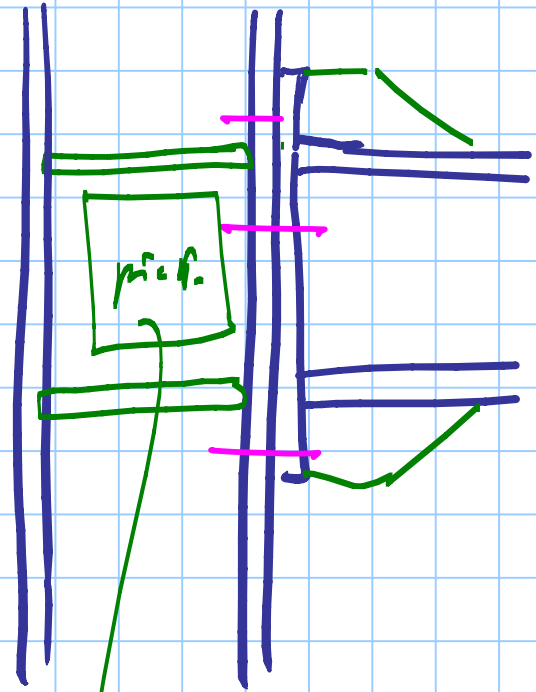
4) Tensione nell'anima della colonna

6) verifica a temp. dell'anima della colonna

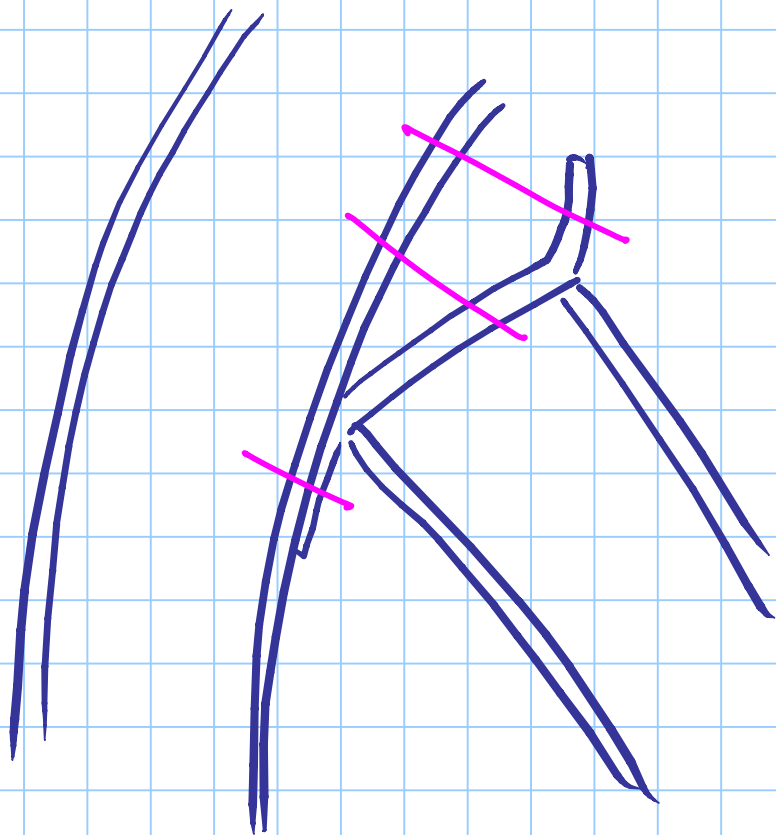
5) compressione nell'anima della colonna
(instabilità)



impulsoe
def. a Taylor



pie.to sold.to
anm.to t_w



DEFORMAZ.

FUORI SCALA

ROTAZIONE COLONNA

\neq

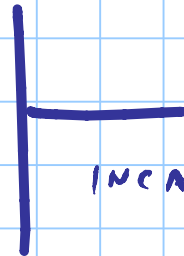
ROTAZ. TRAVE

collegamento deformabile

Nodi

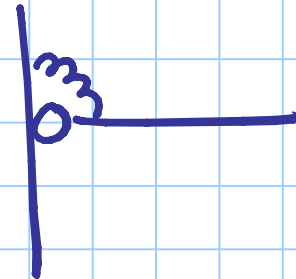
RIGIDI

rotazione relative
trascurabili

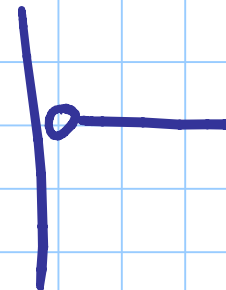


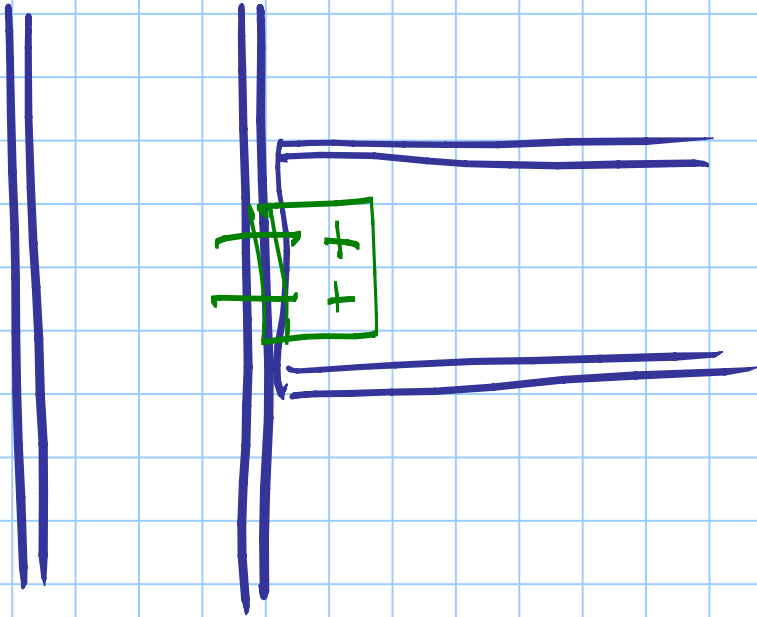
INCASSO MUTUO

SEMI RIGIDI



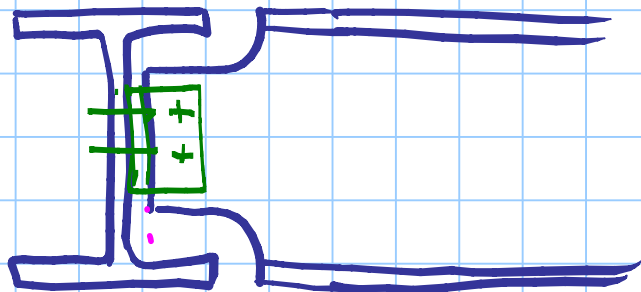
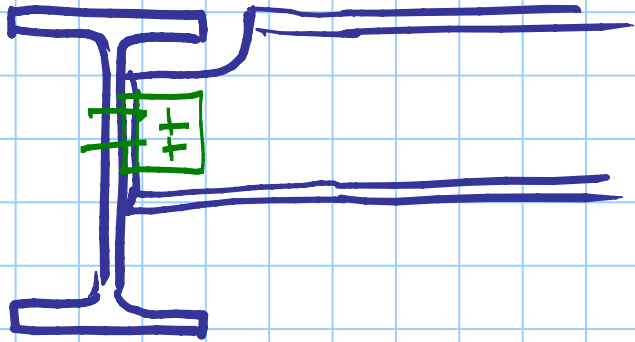
CERNIERA





nod.

CERNIERA



distance T_c
 anme

