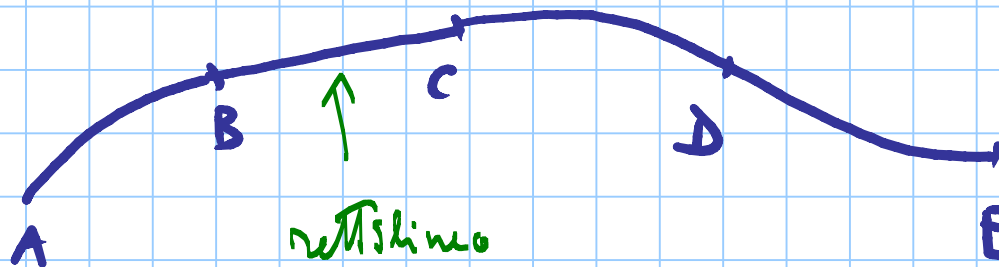


# ANALISI STRUTTURALE

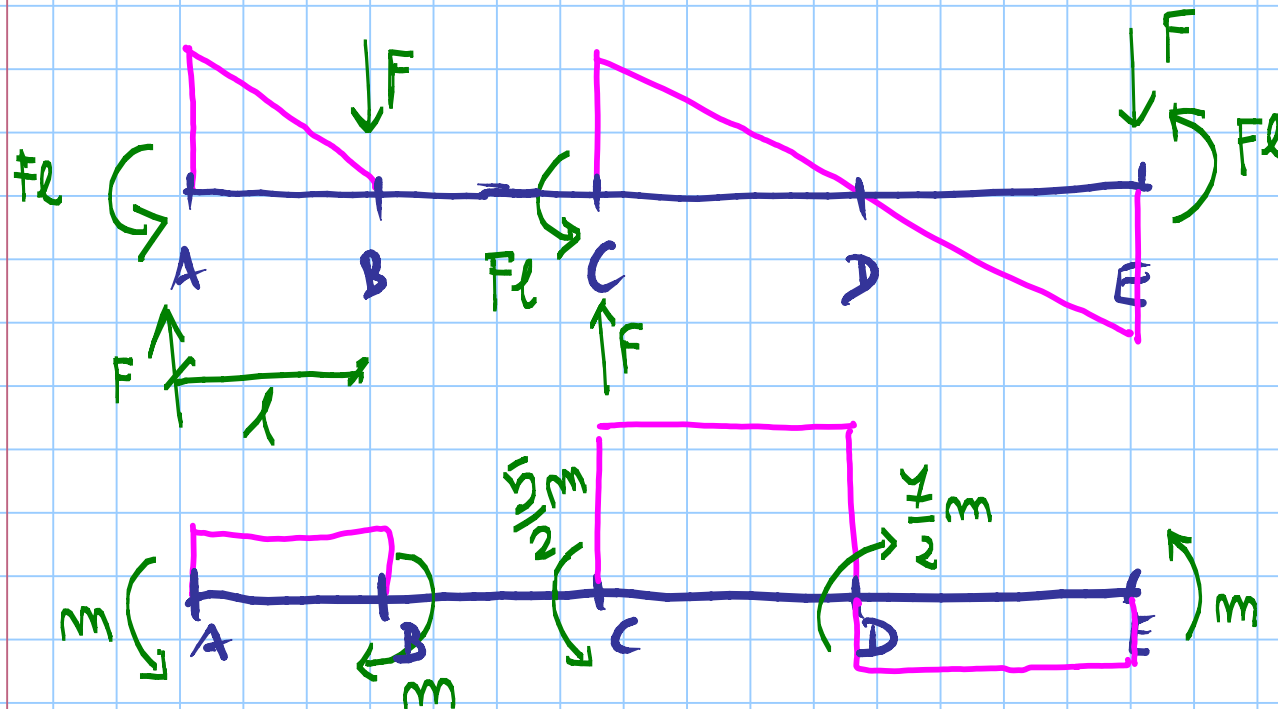
Titolo nota

17/10/2012

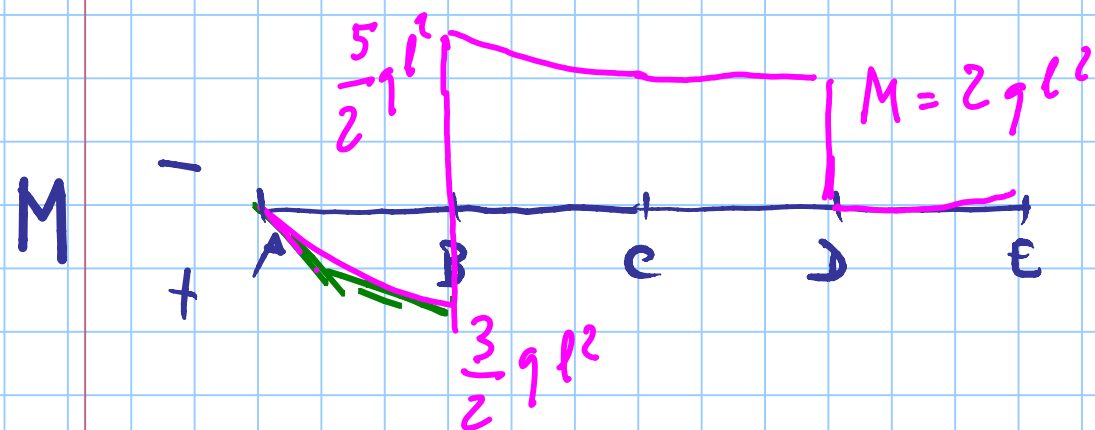
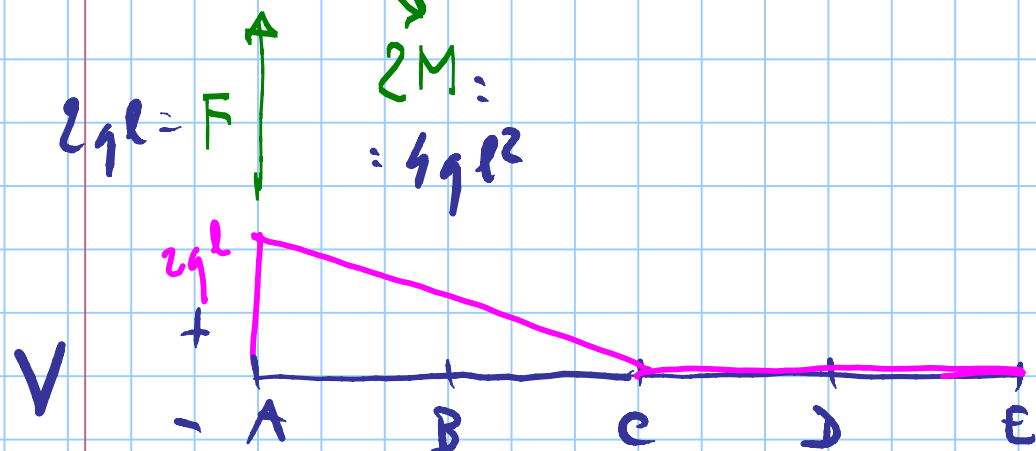
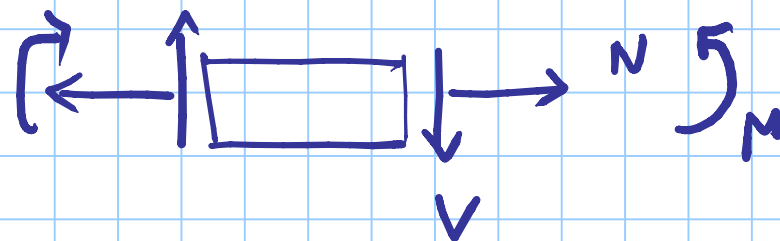
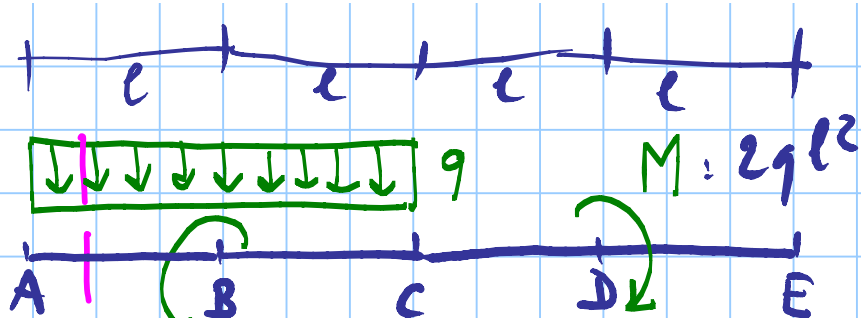


ROMASELLI  
GIOVANNI

NICOLE  
ROMANO



LO PRESTI  
SIMONA

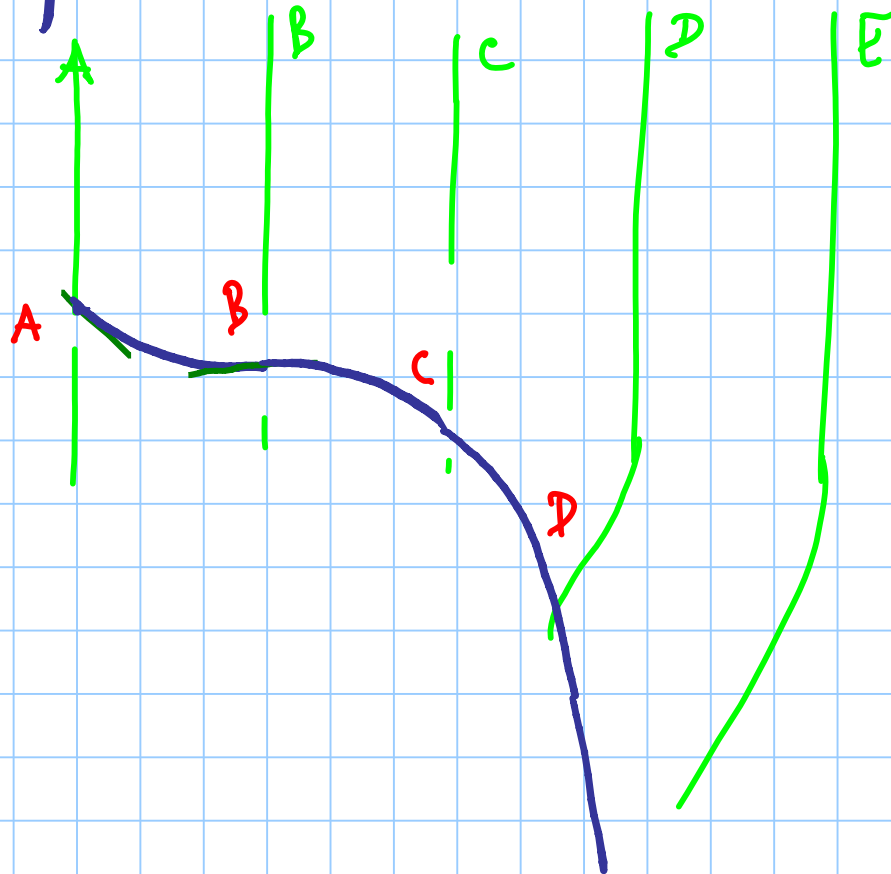


MARIANGELA  
SILVESTRO

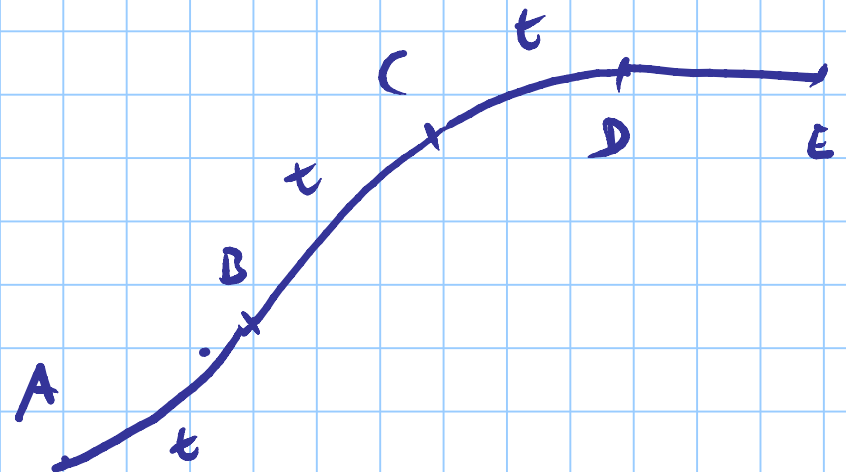
$$F = 2ql$$

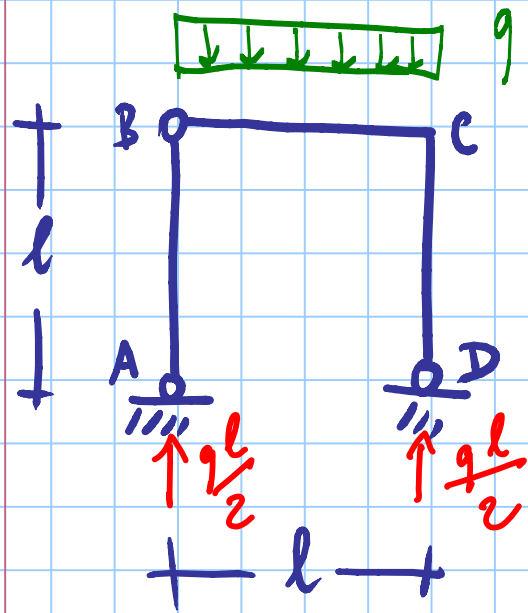
$$M = 2ql^2$$

deform.

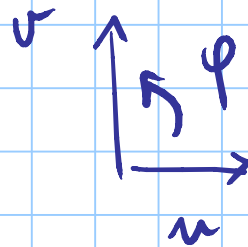


VALENTINA  
PETRONE





SCHEMA  
ISOSTATICO



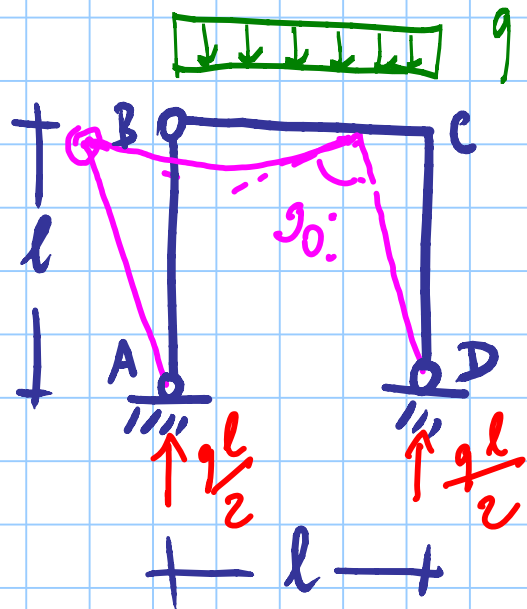
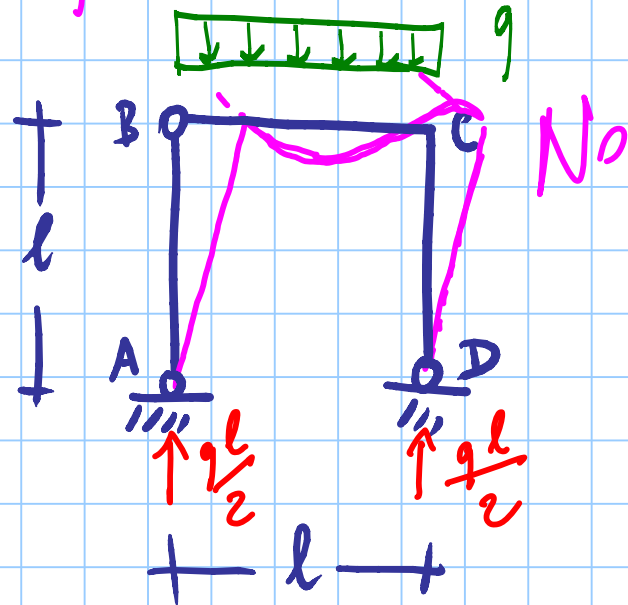
$E, I$  cost

$EA = \infty$

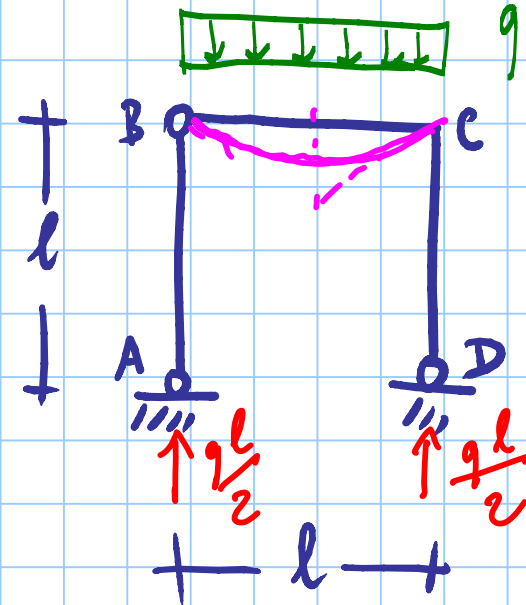
$$M_B = ?$$

1. Reazioni con cond. di EQUILIBRIO
2. Car. sollecit. " "
3. Deformazioni, spostamenti:
  - PLV - eq. linea el. - coroll. Mohr
  - Tess. energ. - Castiglione

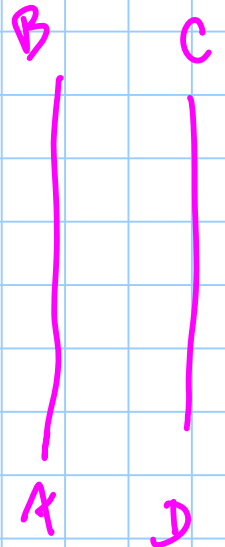
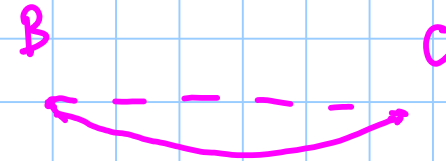
deformation

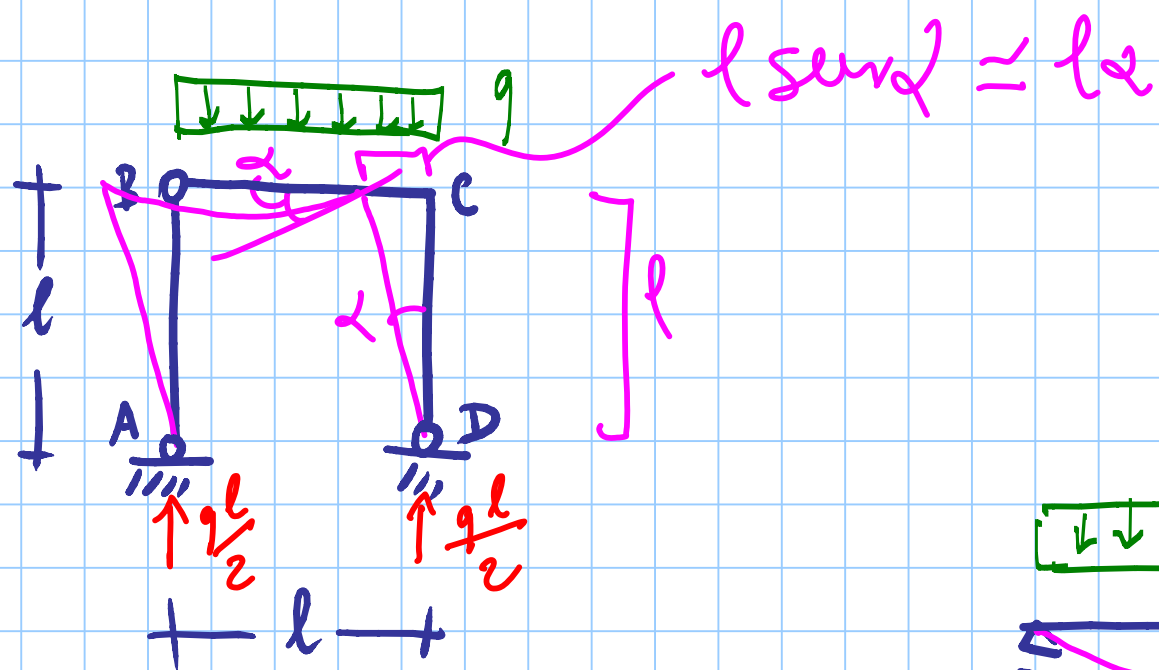


ASTA BC  
def.m.f.c

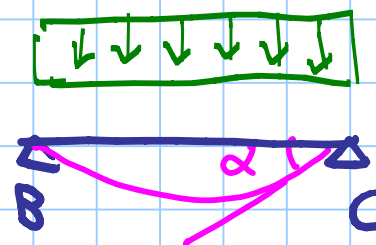


an core  
Valentine  
M Petron





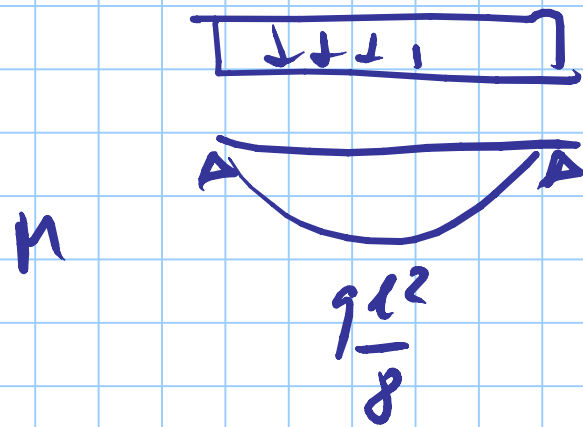
CALCOLO  
FEDERALE



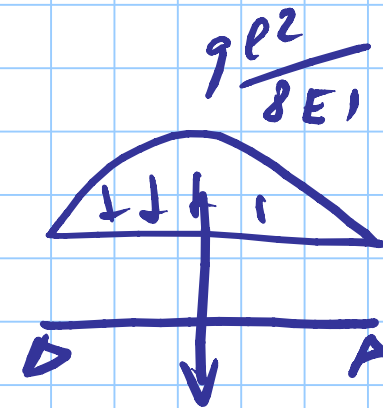
$$M_B = \frac{q l^4}{24 EI}$$

$$\alpha = \frac{q l^3}{24 EI}$$

# Corollari di Mohr

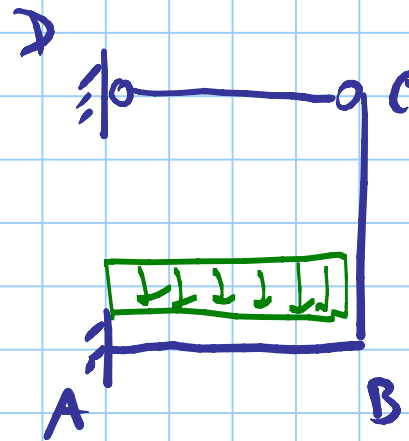
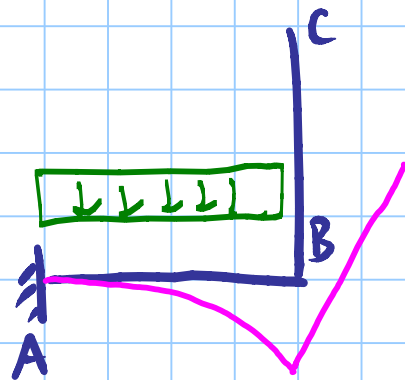


$\Rightarrow$



$$\frac{2}{3} \frac{q l^2}{8 E I} l$$

$$\frac{1}{2} \left[ \frac{2}{3} \frac{q l^2}{8 E I} l \right] = \frac{q l^3}{24 E I}$$



come in def. m.  
 quant. vel.  $v_B$ ?