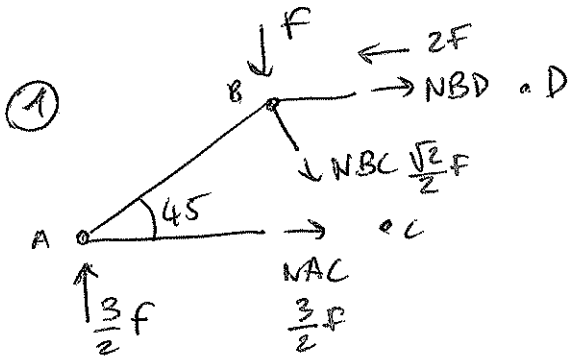
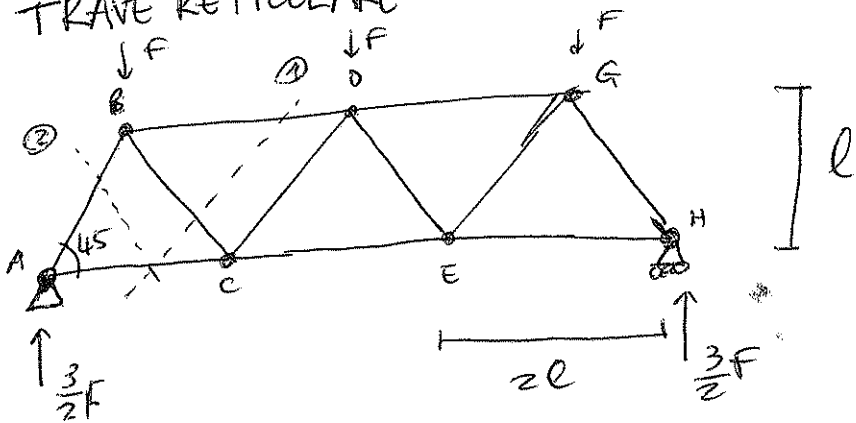


# TRAVE RETICOLARE



$$M_C) -\frac{3}{2} F \cdot 2L + FL - N_{BD} \cdot L = 0$$

$$\boxed{N_{BD} = -2F}$$

$$M_B) -\frac{3}{2} FL + N_{AC} \cdot L = 0$$

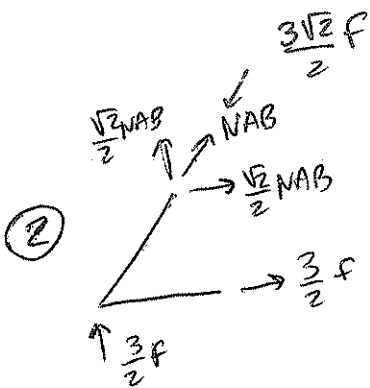
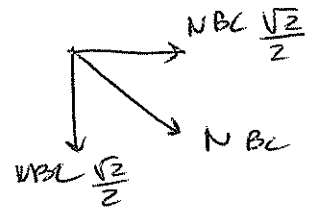
$$\boxed{N_{AC} = \frac{3}{2} F}$$

SCOMPOSIZIONE DELLE FORZE

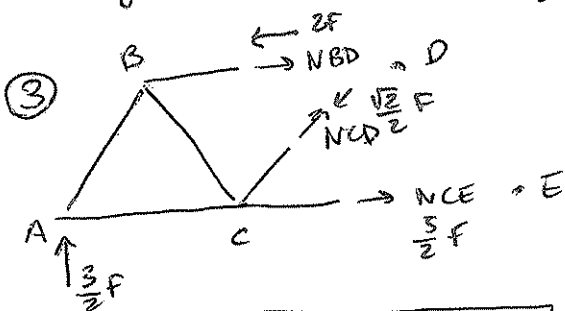
Traslazione verticale:

$$\frac{3}{2} F - F - \frac{\sqrt{2}}{2} N_{BC}$$

$$\boxed{N_{BC}} = \frac{F}{2} \cdot \frac{2}{\sqrt{2}} = \frac{F}{\sqrt{2}} = \boxed{\frac{\sqrt{2}}{2} F}$$



Traslazione verticale:  $\frac{3}{2} F + \frac{\sqrt{2}}{2} N_{AB} = 0 \Rightarrow N_{AB} = -\frac{3}{\sqrt{2}} F = \boxed{\frac{-3\sqrt{2}}{2} F}$



$$M_D) N_{CE} \cdot L - \frac{3}{2} F \cdot 3L + F \cdot 2L = 0$$

$$N_{CE} \cdot L - \frac{5}{2} LF = 0$$

$$\boxed{N_{CE} = \frac{5}{2} F}$$

Traslazione Vert.

$$\frac{3}{2} F - F + \frac{\sqrt{2}}{2} N_{DC} = 0$$

$$\boxed{N_{DC} = \frac{\sqrt{2}}{2} F}$$

