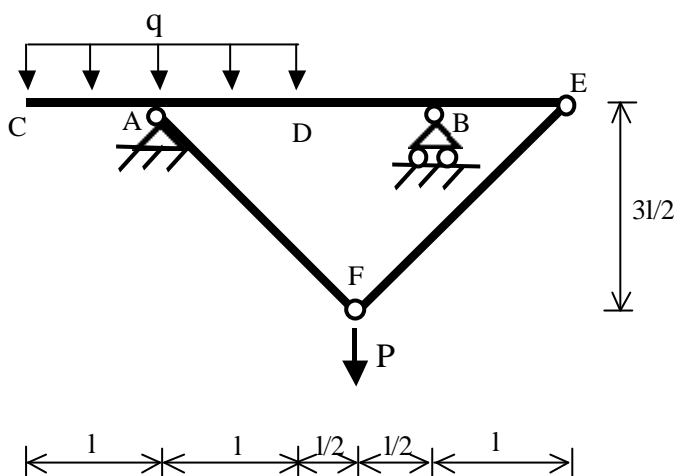


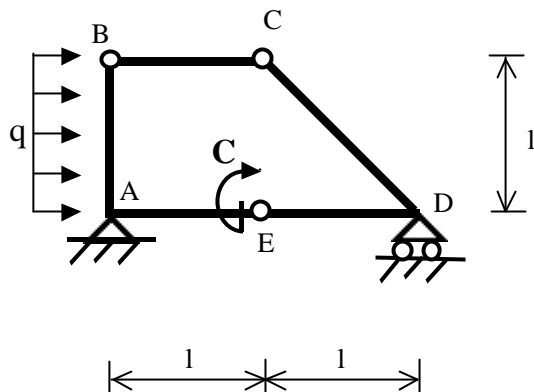


1) Disegnare i diagrammi dell'azione interna (N, T, M).



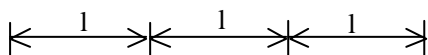
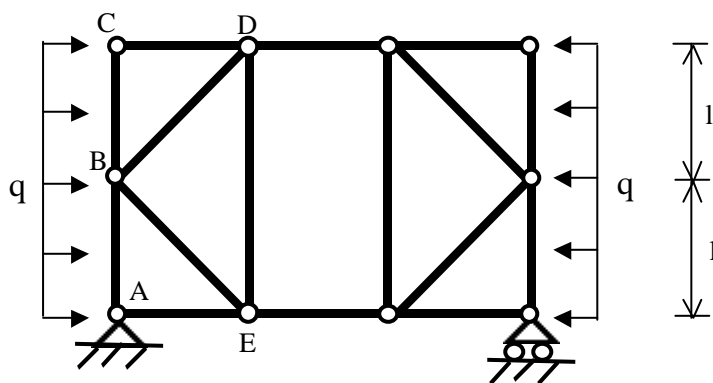
$q = 2000 \text{ kg/m}$        $l = 1 \text{ m}$        $P = q l$

2) Disegnare i diagrammi dell'azione interna (N, T, M).



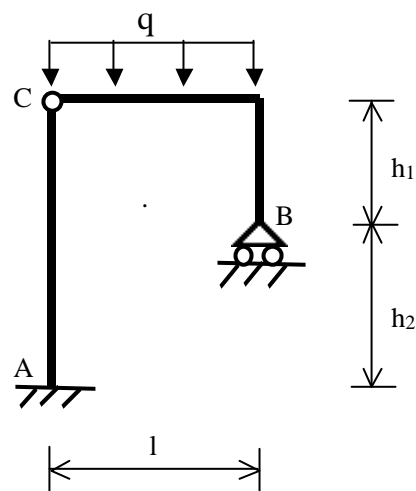
$q = 500 \text{ kg/m}$        $C = 1 \text{ tm}$        $l = 1.5 \text{ m}$

3) Determinare gli stati di sollecitazione "primario" e "secondario".



$q = 500 \text{ kg/m}$        $l = 1.5 \text{ m}$

4)



Calcolare, con il teorema dei lavori virtuali, lo spostamento orizzontale del punto B.  
Assumere:

$q = 1000 \text{ kg/m}$ ,  $l = 3 \text{ m}$ ,  $h_1 = 1.5 \text{ m}$ ,  $h_2 = 2 \text{ m}$ .