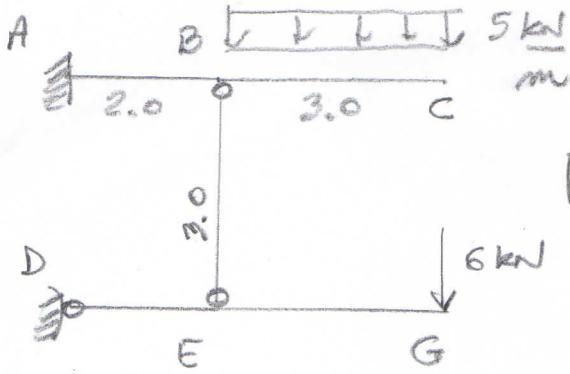


13/06/2017

COGNOME \_\_\_\_\_

NOME \_\_\_\_\_



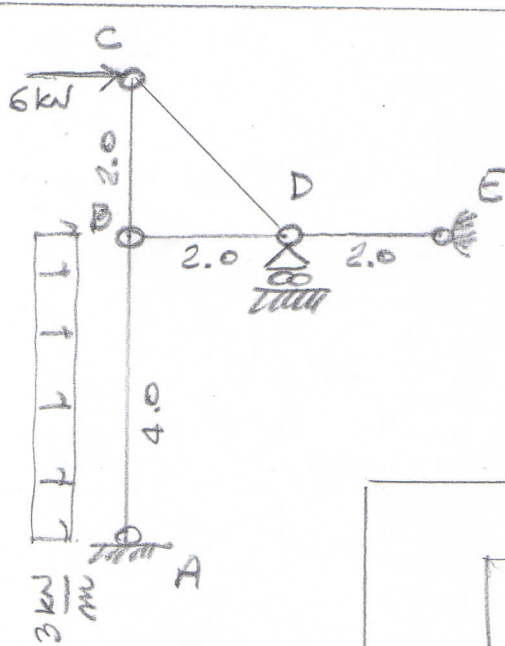
ES.1

• R.V. ext e R.V. pendolo

• Diagrammi T, M quotati

•  $\Delta R_{BE}$  sapendo che

$$E = 15000 \frac{N}{mm^2} \text{ e } A = 500 \text{ mm}^2$$



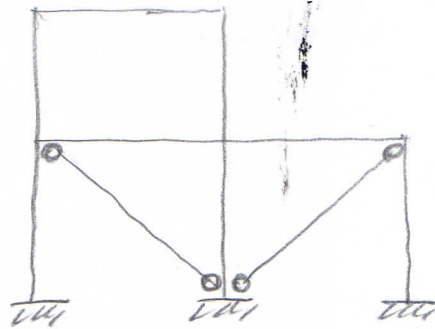
ES.2

• R.V. ext

• N in tutte le aste

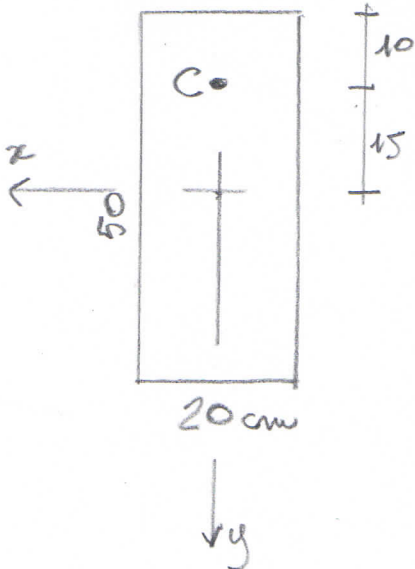
• T, M quotati su asta carica

ES.3



• riconoscere strutture

• Se iperstatica, renderla isostatica



$$N_C = -15 \text{ kN}$$

•  $N_G + M$

•  $A, I_{R_G}$

•  $s, m, m$

• Diagramma  $\sigma_z$

• Valori di  $\sigma_z^{\max}$  e  $\sigma_z^{\min}$