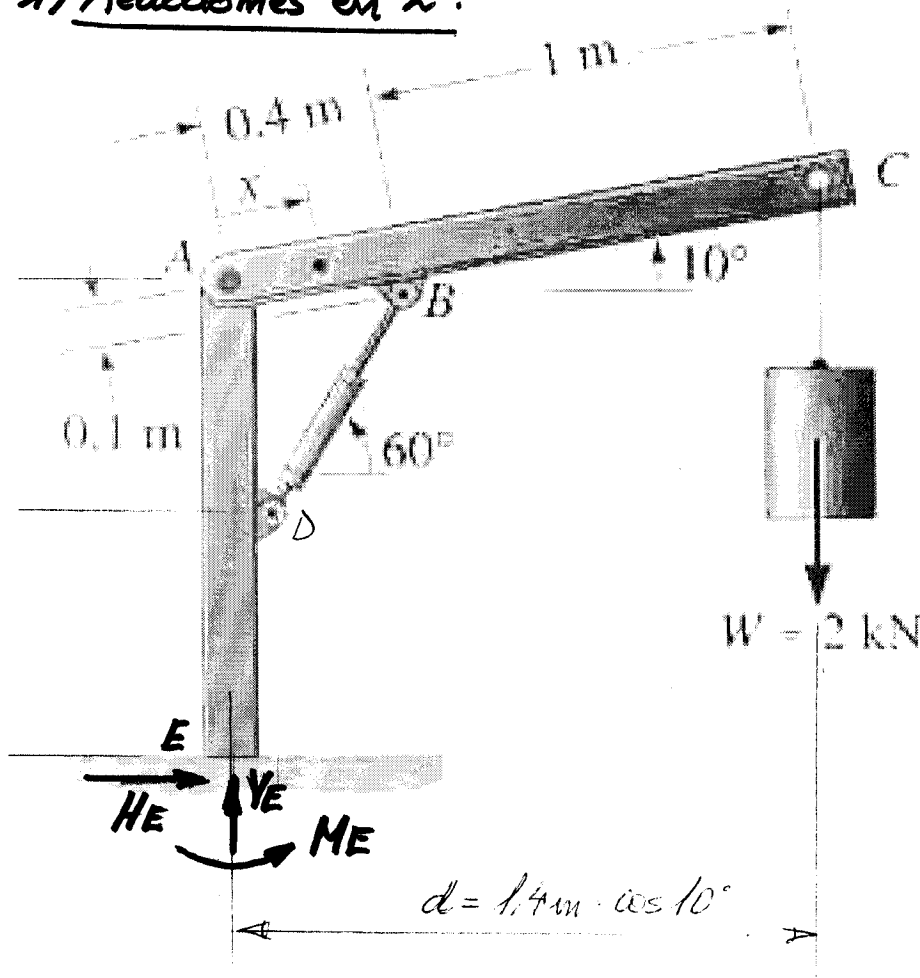


11-9-03

PROBLEMA

1) Reacciones en E:



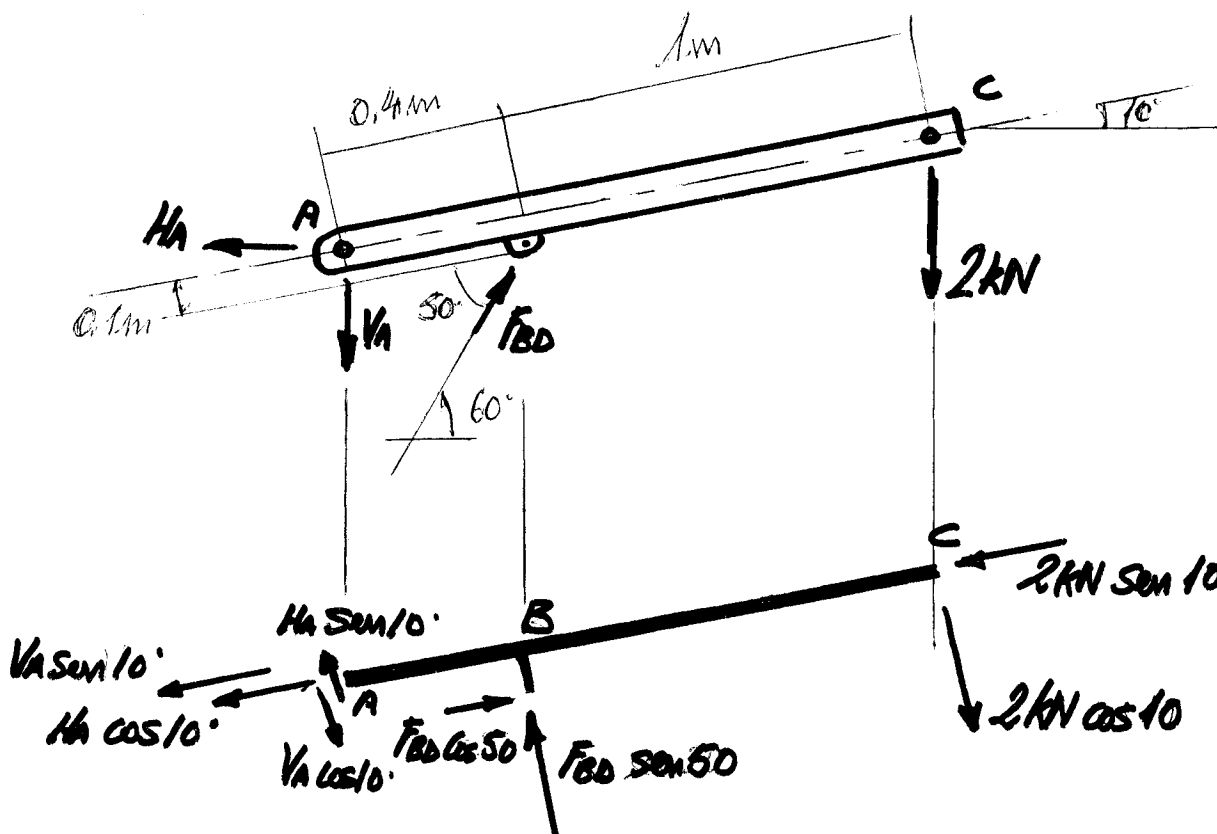
Equilibrio de
fuerzas exteriores
a la guía:

$$H_E = 0$$

$$V_E = 2 \text{ kN}$$

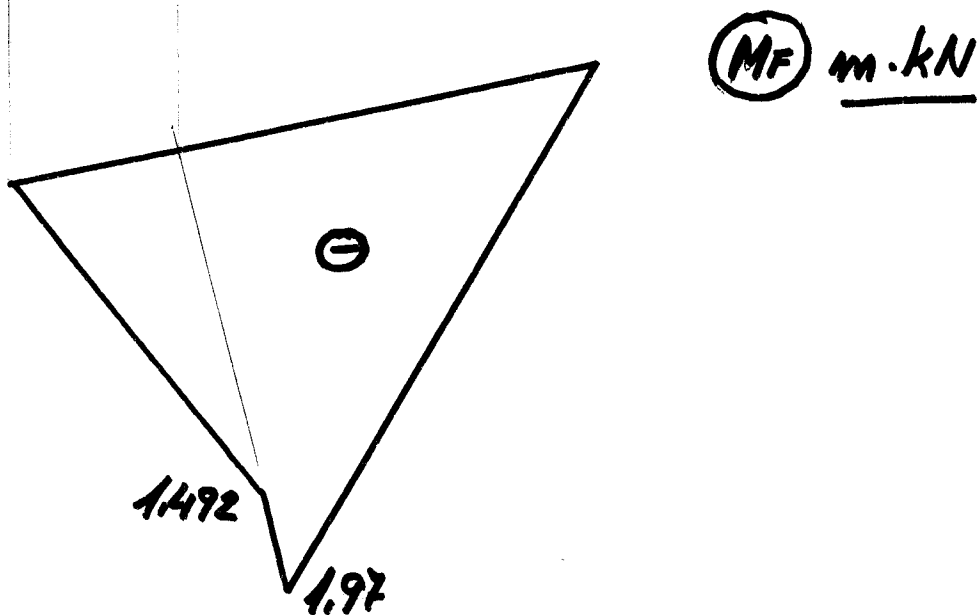
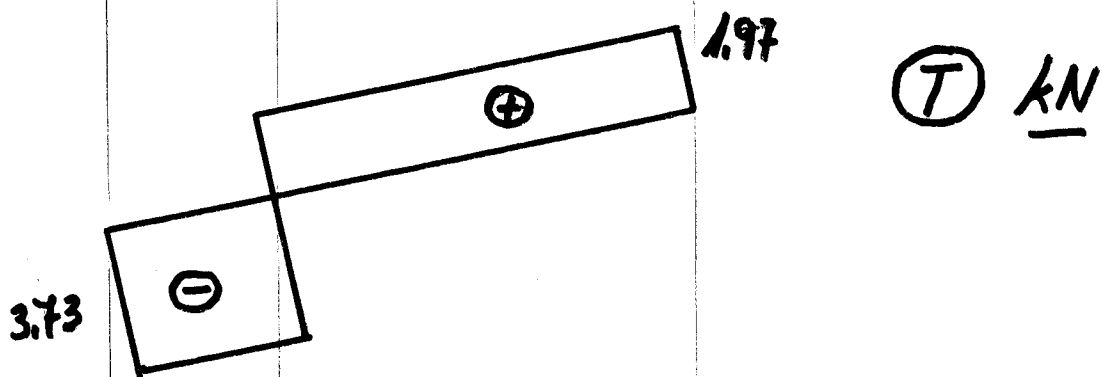
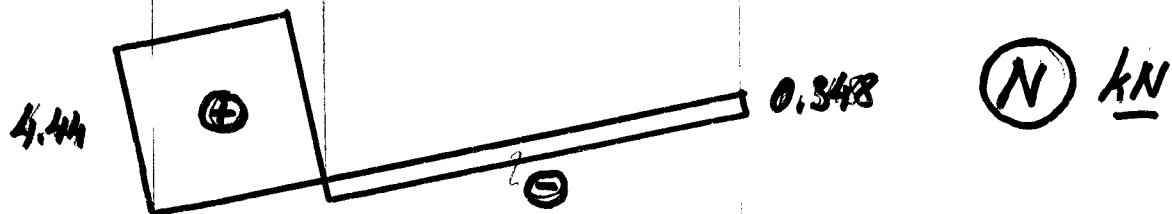
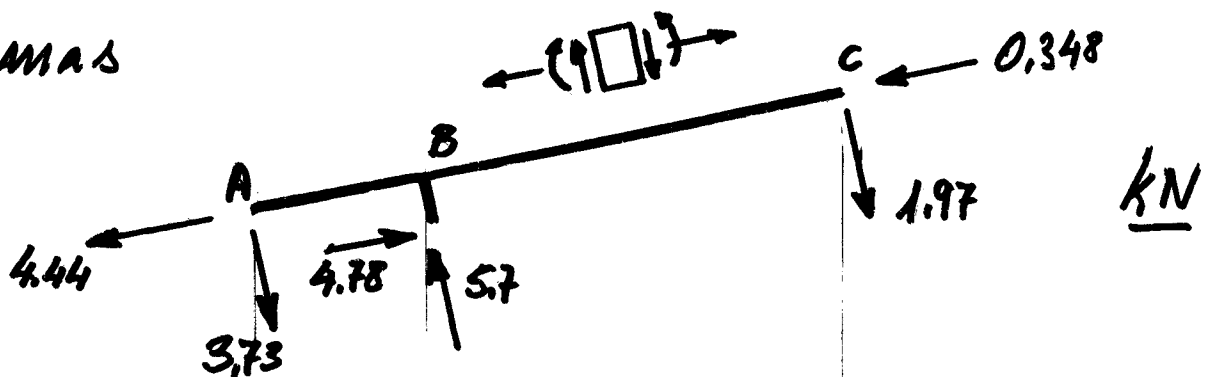
$$M_E = W \cdot d = 2.76 \text{ m} \cdot \text{kN}$$

2) Fuerzas sobre la barra AC



Plantando equilibrio: $V_A = 4.44 \text{ kN}$; $H_A = 3.72 \text{ kN}$; $F_{BD} = 7.44 \text{ kN}$

Diagrams



3) Diagramas de la columna AE

