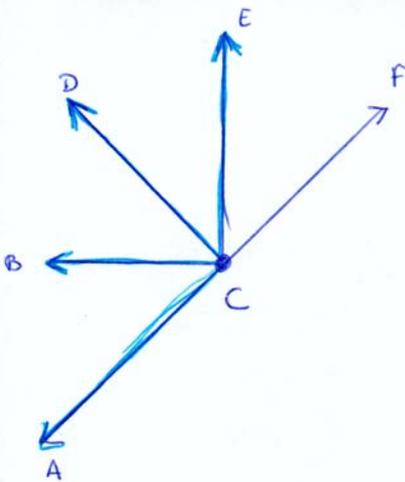


Nœud C



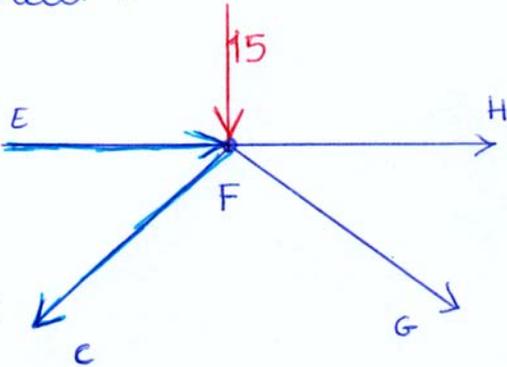
$$\sum F_x = F_{FC} \times \cos 47,1 - F_{DC} \times \cos 47,1 = 0$$

$$F_{FC} = \frac{\cos 47,1 \times F_{DC}}{\cos 47,1}$$

$$F_{FC} = F_{DC}$$

$$\boxed{F_{FC} = 10,238} \quad F_c \text{ en Traction}$$

Nœud F



$$\sum F_x = F_{EF} + F_{FH} - F_{CF} \times \cos 47,1 + F_{GF} \times \cos 47,1 = 0$$

$$6,969 + F_{HF} - 6,969 + F_{GF} \times \cos 47,1 = 0$$

$$F_{HF} = - F_{GF} \times \cos 47,1$$