

DR2 Isolement de l'ensemble mobile

(Bras sorti maxi / contre poids rentré)

Courrigé

Echelle des forces: 10mm pour 2000N

$$\|\vec{P}\| = m \cdot g = 925 \cdot 10 = 9250 \text{ N}$$

$$\|\vec{C}_{\text{vérin/ens mob}}\| = 36900 \text{ N} \approx 37200 \text{ N}$$

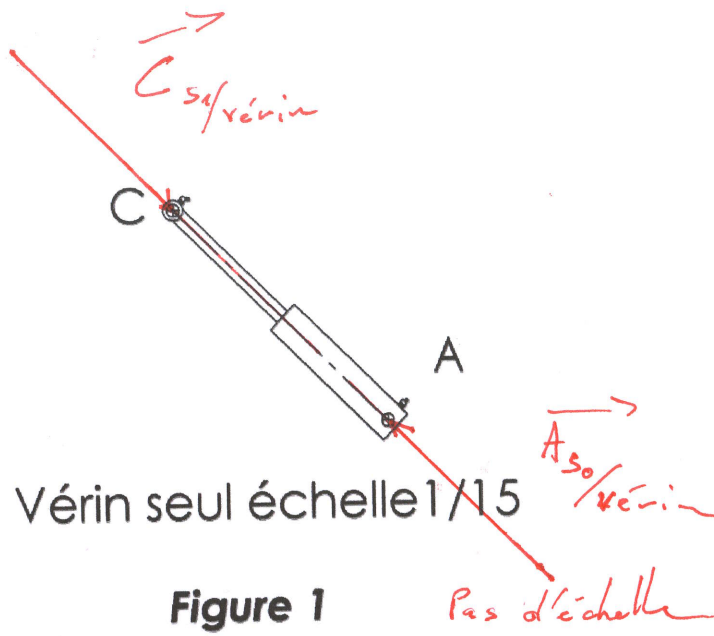


Figure 1

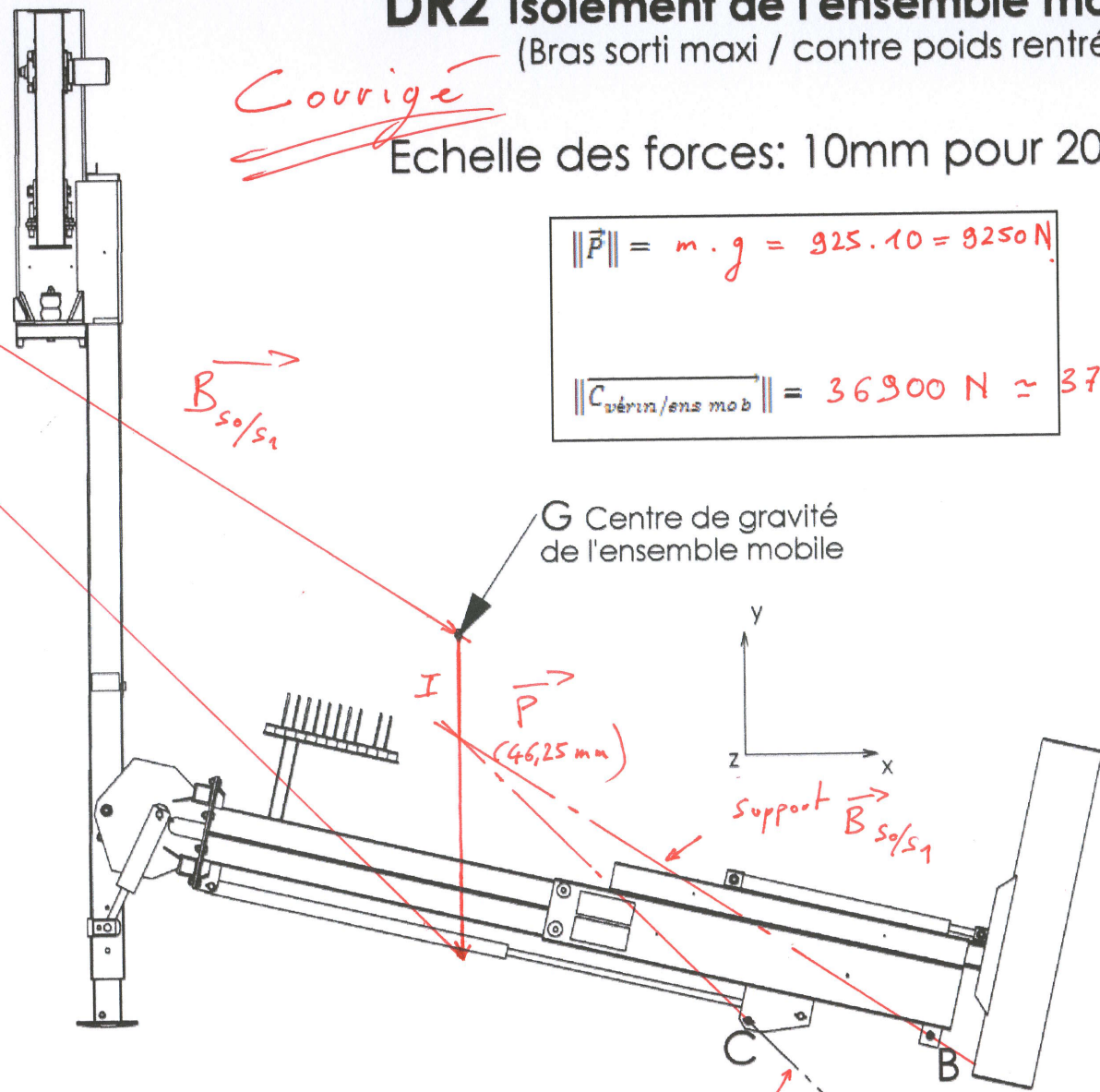


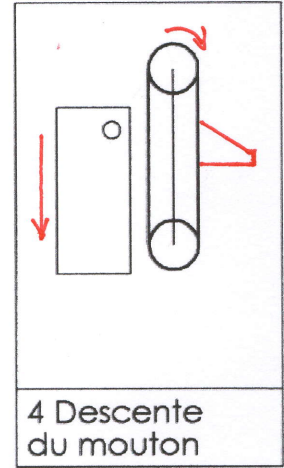
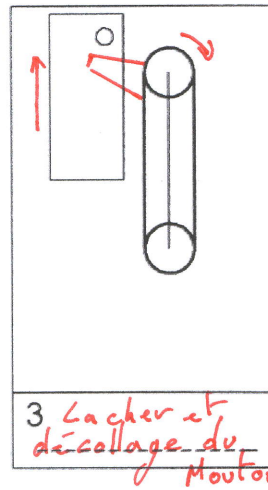
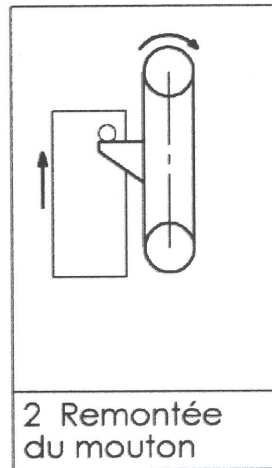
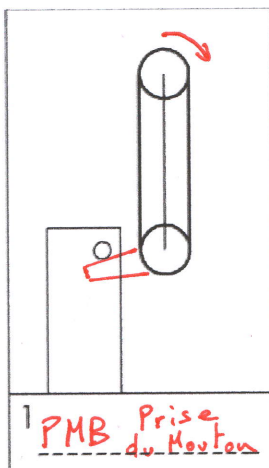
Figure 2

Echelle 1/25

Partie C

Compléter les schémas ci-dessous *Corrigé*

DR3



Partie D Détermination de la vitesse de montée du mouton 2 en fin de course

Echelle 1/3

Echelle des vitesses: 20mm pour 1m/s

