

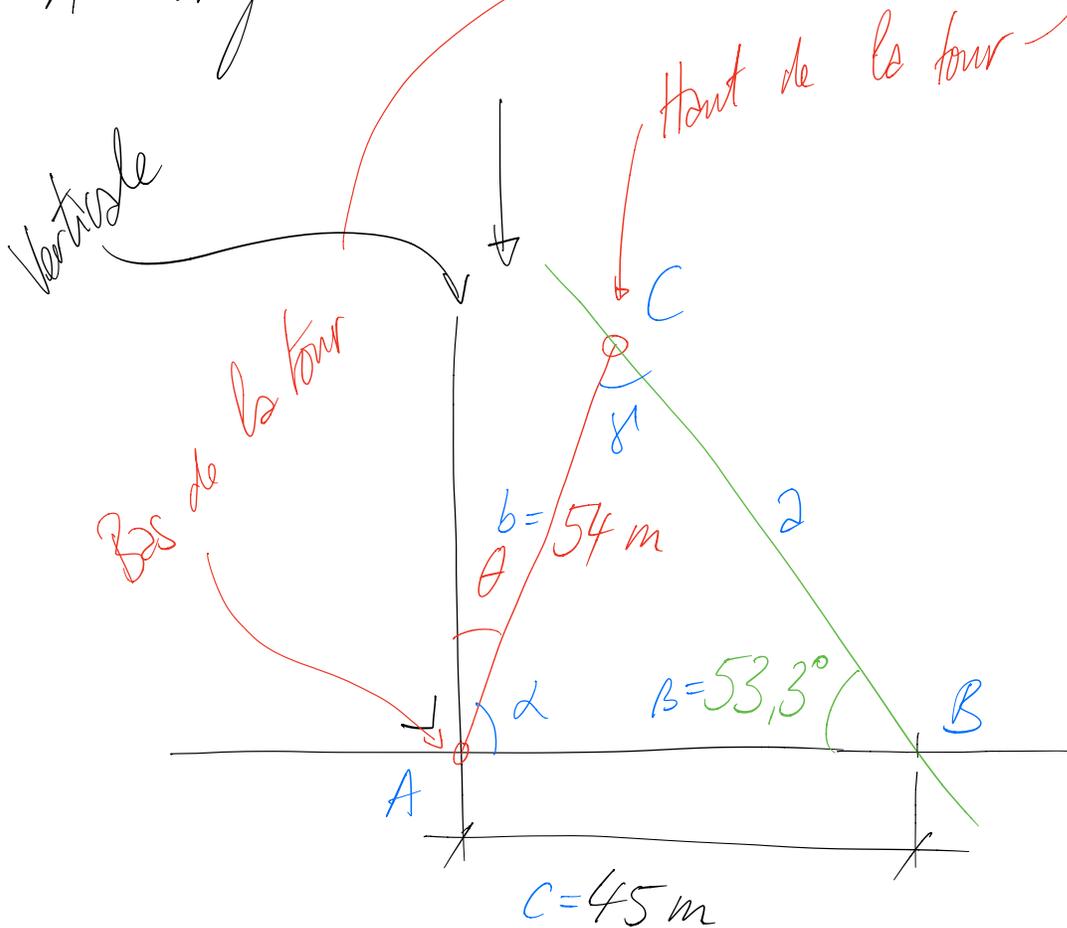
5.23

2C



A l'origine ...

Maintenant !



La formule du sinus donne:

$$\frac{b}{\sin \beta} = \frac{c}{\sin \gamma} \Leftrightarrow \frac{54}{\sin(53,3^\circ)} = \frac{45}{\sin \gamma}$$

$$\Leftrightarrow 67,3505 \approx \frac{45}{\sin \gamma}$$

$$\Leftrightarrow \sin \gamma \approx \frac{45}{67,3505} \approx 0,66815$$

$$\Leftrightarrow \gamma \approx 41,92^\circ \quad \swarrow \sin^{-1}$$

Vu que $\alpha = 180^\circ - 53,3^\circ - 41,92^\circ$, on a

$$\alpha \approx 84,78 \approx 84,8^\circ$$

Vu que $\alpha + \theta = 90^\circ$, $\theta = 90^\circ - \alpha$

$$\text{et donc } \underline{\theta \approx 5,2^\circ} \approx 5,22^\circ \approx 5,3^\circ$$

↑
Corrigé du fascicule.