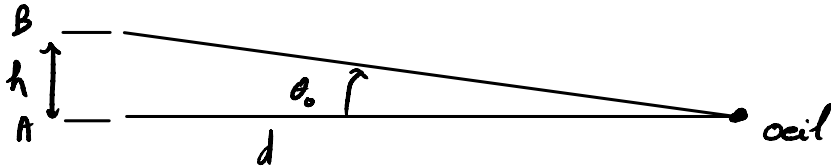


Exercice 2

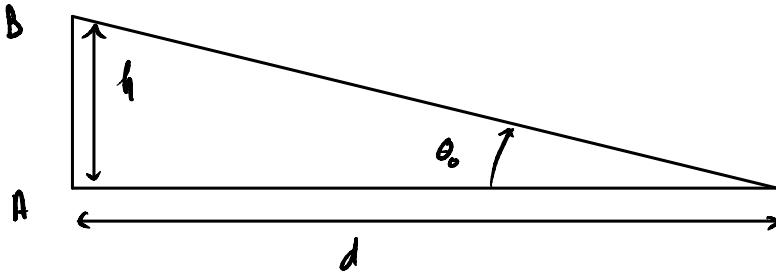
1



$$\tan(\theta_0) = \frac{h}{d} \Rightarrow d = \frac{h}{\tan(\theta_0)}$$

A.N. $d = 6,6 \text{ m}$

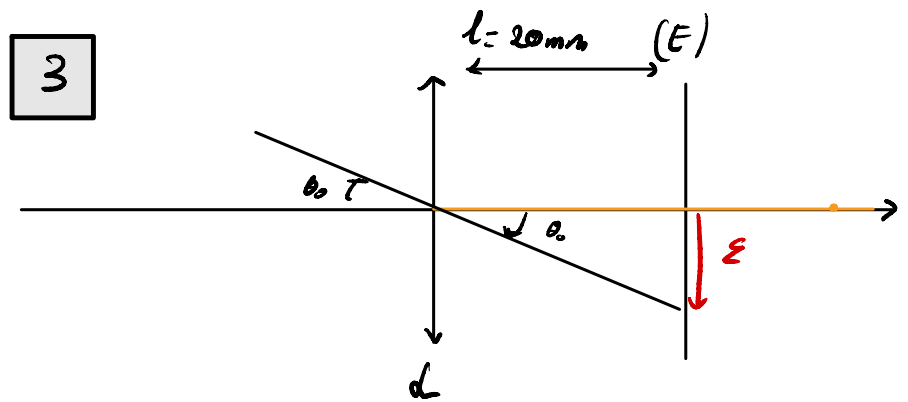
2



$$\tan(\theta_0) = \frac{h}{d} \Rightarrow h = d \tan(\theta_0) \quad \text{A.N.} \quad h = 7,1 \text{ cm}$$

en pratique, il faut distinguer les lettres donc mieux vaut prendre 2 ou 3 fois cette dimension.

3



$$\tan(\theta_0) = \frac{\epsilon}{l} \Rightarrow \epsilon = l \tan(\theta_0)$$

A.N. $\epsilon = 6 \mu\text{m}$

