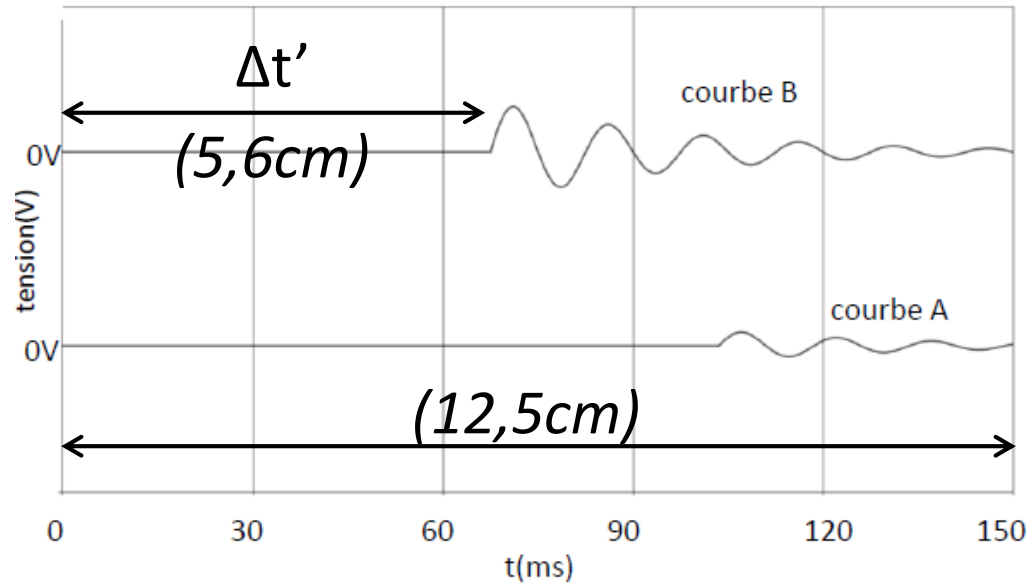


Correction question 4 exercice 5 :

4.



$$\left. \begin{array}{l} \Delta t' \leftrightarrow 5,6 \text{ cm} \\ 150 \text{ ms} \leftrightarrow 12,5 \text{ cm} \end{array} \right\} \Delta t' = \frac{150 \times 5,6}{12,5} = 67,2 \text{ ms}$$

$$v = \frac{d'}{\Delta t'}$$

$$v \cdot \Delta t' = d'$$

$$d' = 340 \times 67,2 \cdot 10^{-3} = 22,8 \text{ m}$$