

$$4) - y = ax + b$$

$y = \text{densité}$

$x = \% \text{ de GC}$

mêmes étapes que celles de la question (3) :

$$\begin{aligned} 1,730 &= a(75) + b \longrightarrow \textcircled{1} \\ 1,690 &= a(25) + b \longrightarrow \textcircled{2} \end{aligned} \quad \left. \vphantom{\begin{aligned} 1,730 &= a(75) + b \\ 1,690 &= a(25) + b \end{aligned}} \right\} \begin{aligned} \textcircled{1} - \textcircled{2} &\Rightarrow 0,040 = 50(a) \\ &\Rightarrow \boxed{a = 0,0008} \end{aligned}$$

$$1,690 = 0,0008 \times 25 + b \Rightarrow \boxed{b = 1,67}$$

donc $y = 0,0008 \times 50 + 1,67$

$$\boxed{y = 1,71 \text{ g/cm}^3}$$