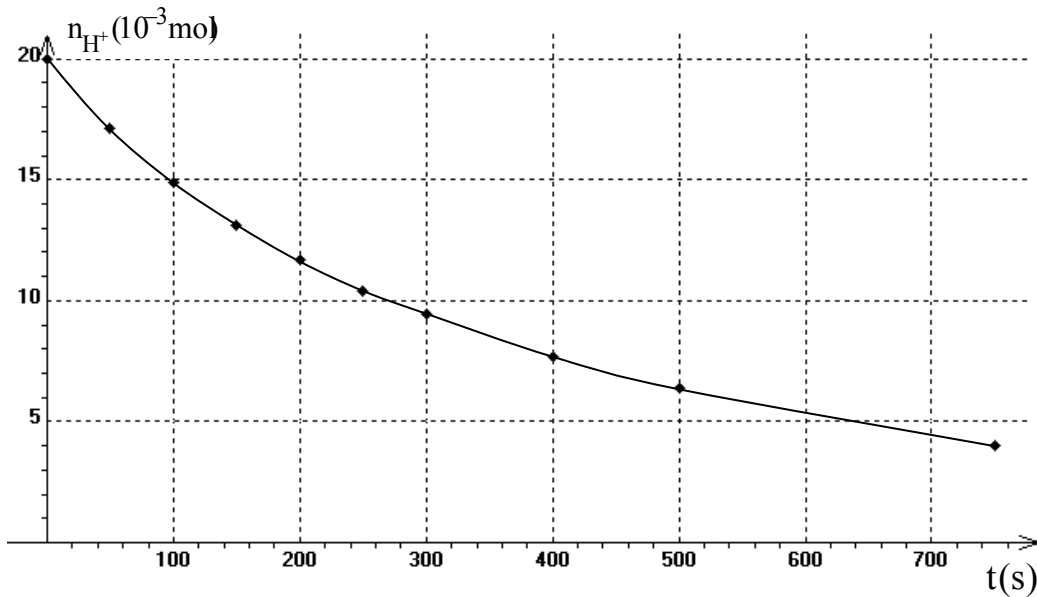


-			
	10 - 8 :	:	3:

(8) :

$Zn_{(s)}$ $H^+_{(aq)} + Cl^-_{(aq)}$
 $m = 1,0 \text{ g}$ $t = 0$ $Zn^{2+}_{(aq)}$ $H_{2(g)}$
 $C = 0,5 \text{ mol.L}^{-1}$ $V = 40 \text{ mL}$ $Zn_{(s)}$
 H^+ .



$H^+_{(aq)} / H_{2(g)}$ $Zn^{2+}_{(aq)} / Zn_{(s)}$:

- . 1
- . 2
- . 3

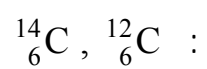
		$2H^+_{(aq)} + Zn_{(s)} = H_{2(g)} + Zn^{2+}_{(aq)}$			
		(mol)			
	$x = 0$	n_1	n_2		
	$x = x_{max}$				

. x_{max}

$\cdot t_{1/2}$ $\cdot t_{1/2}$. 4
 $\cdot (n_{H^+})_{t_{1/2}} = \frac{n_1}{2} :$ $t_{1/2}$. 5
 $\frac{dn_{H^+}}{dt} \quad v = \frac{dx}{dt} = -\frac{1}{2} \frac{dn_{H^+}}{dt} :$. 6
 $t_{1/2}$ $\cdot H^+$. 7

$\cdot M_{(Zn)} = 65 \text{ g.mol}^{-1} :$

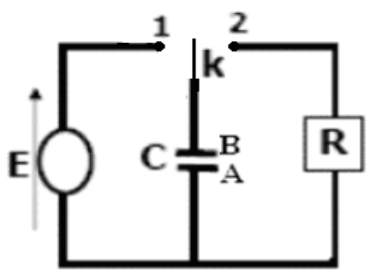
6 :



- \cdot - 1
- \cdot - 2
- $\cdot \beta^-$ 14 - 3
- $\cdot ^{14}_7N$ -
- $\cdot 14 \quad E_\ell$ -
- $\cdot 14$ - \rightarrow
- \cdot -
- $\cdot C = 3 \cdot 10^8 \text{ m/s} :$:

				$^{14}_6C$	$^{14}_7N$
kg	$1,672621 \cdot 10^{-27}$	$1,674927 \cdot 10^{-27}$	$9,109381 \cdot 10^{-31}$	$2,32584 \cdot 10^{-26}$	$2,32527 \cdot 10^{-26}$

6 :



- $\cdot C$ K $t = 0$ - 1
- $\cdot 1$ -
- $\cdot B, A$ -
- $\cdot 2$ K - 2
- \cdot -
- $\cdot u_R = R \cdot C \frac{du_c}{dt} :$ -

