

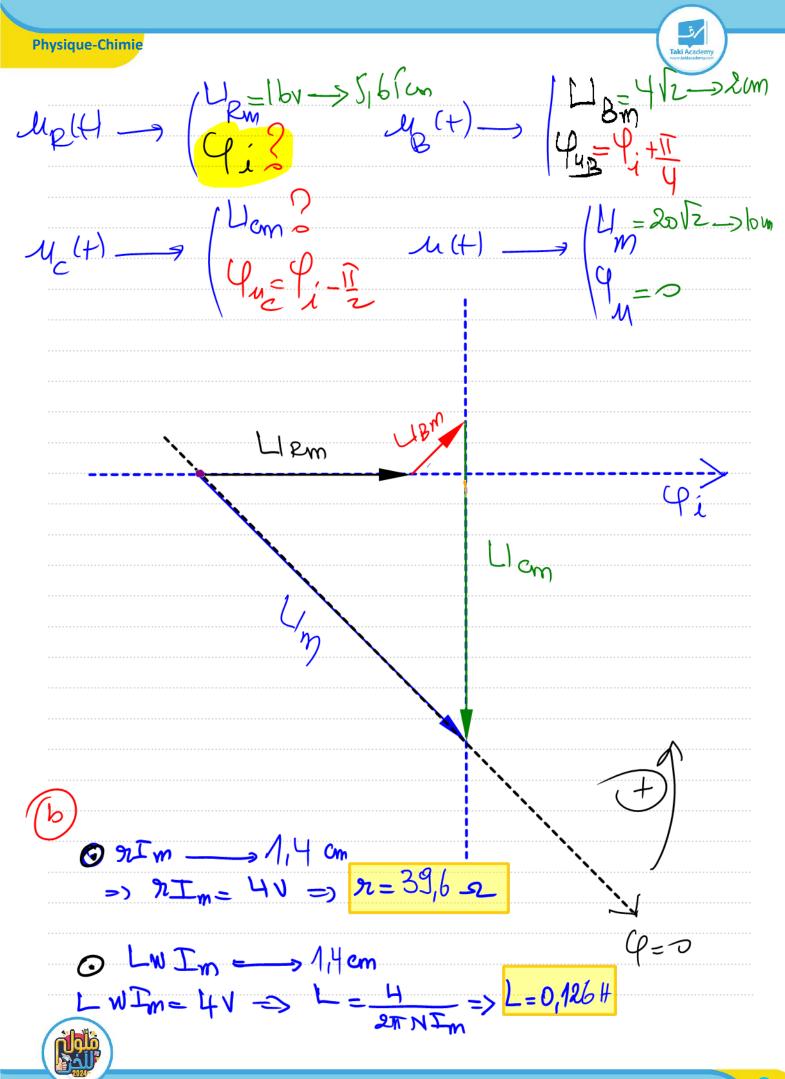
Oscillations électriques forcées : série 3

Tonjours ust) en avonce par rapporta ilt) C-à-d à uz(t)

donc comba de Bartsia B \_\_\_\_ Malts 11 1/ - A \_\_\_, M2(4)

$$= \frac{2\pi}{\sqrt{8}} \times \frac{\sqrt{8}}{\sqrt{8}}$$
or  $u_{B}(t)$  en owano  $m$   $u_{B}(t) = 1$   $u_{B}(t) = 1$ 







$$C = \frac{Im}{CW} = \frac{16.8 \sqrt{2} }{16.8 \sqrt{2}}$$
 $C = \frac{Im}{16.8 \sqrt{2}} = \frac{16.8 \sqrt{2} }{16.8 \sqrt{2}}$ 
 $C = \frac{Im}{16.8 \sqrt{2}} = \frac{16.8 \sqrt{2}}{200}$ 

O Yn-4:=-45 = - I rob

O 4n-4: =-45 = - I rob

O 4n-4: <0 - Scient capacitif

O 5m = Lm Im (os(4-4i) par definition

O + jrs 60 4n-4: = 2+2 fouten de

pui 88m e

O m = UZ 115 119

 $Om = U I (R+2) = S = (R+2) I^2$ 

(a) A la resonance Em Amos (var lu-lices sel Amos (var lu-lices sel Amos (N=No) m Amos (N=No)

 $\frac{1}{\operatorname{Pm}(R)} = R \operatorname{In}(R) = 2 \operatorname{In}(R)$ 



 $\binom{2}{m} \binom{2}{2} = 0$ 



$$\begin{array}{ccc}
\mathcal{L}_{m} & m \times \\
\mathcal{N} & = N_{0} \\
\mathcal{L}_{u} & - V_{i} & = 0
\end{array}$$



Physique-Chimie e) u(+) = Um Sm(w++ Uu) (R+r)-i(+) = (R+r) Im 6m (W++(Pi) On à la resonance d'intensile & 2 = R+2 C> u(t) = (2+r) In for (w++Pu) (R+r) i(1) = R+N2m 8m (W+ + P4) don (2+2) i(H) = M(4) of giff (2+ sv) i(t) & Loli 1 g = lut à la resonance d'intents to

5

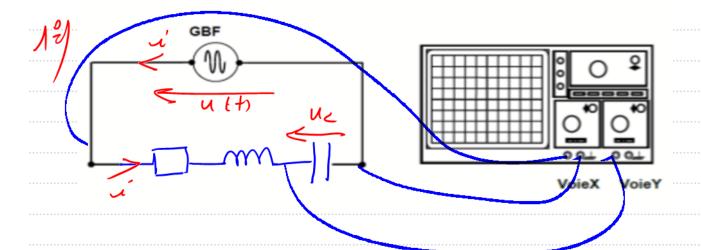


Item(f) = 1 2 c duc. 4 + 1 2 L di - 1(1)

 $= i(t) \left[ \mathcal{U}_{c}(t) + L \mathcal{J}_{i}^{c} \right]$   $= i(t) \left[ \mathcal{U}_{c}(t$ 

C-à détem\_0\_1 l'energi de en conserver

## E xeraile Nº2



29) Mc(1) At toyons en retord de phase Sm UH)

Co - M(H) Co - M(H)



Physique-Chimie



$$\frac{1}{1} = \frac{1}{2} = \frac{1}$$





$$(b)$$
 a)  $u(t)$   $\longrightarrow$   $(u_n = 100)$   $\longrightarrow$  5 cm

$$\int_{0}^{\infty} \int_{0}^{\infty} \frac{1}{1 - 1} \int_{0}^{\infty} \frac{1}{2} \int_{0}^{\infty} \frac{1}{1 - 1} \int_{0}^{\infty} \frac{1}$$



$$\exists m_1 = \exists m_2 = 0 \quad \exists 1 = \exists 2 = 0 \left( \lfloor w - \frac{1}{2} \right) = \left( \lfloor w -$$

$$Lw-\frac{1}{C_{N}W}=\pm\left(Lw-\frac{1}{C_{N}}\right)$$

$$\frac{dmy}{Lw-\frac{1}{c_1w}} = \frac{1}{c_2w} - Lw$$

$$2LW = \frac{1}{c_1W} + \frac{1}{c_2W}$$

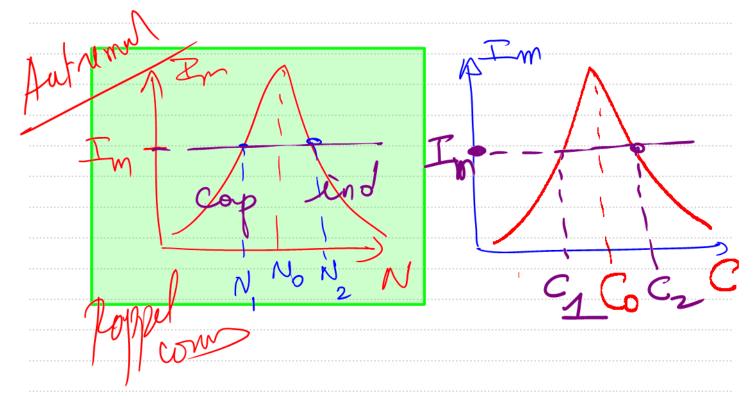
$$\frac{1}{C_2} = 81^2 N_1^2 L - \frac{1}{C_1}$$

$$C_2 = \frac{1}{8T^2N_1^2L - \frac{1}{C_1}}$$

$$C_2 = \frac{1}{8\pi^2 (3 \times 1,3) - \frac{1}{4110^{-6}}}$$







$$I_{m}(c_{1}) = I_{m}(c_{2}) \text{ of } c_{1} + c_{2}$$

$$I_{m}(c_{1}) = I_{m}(c_{2}) \text{ form pon } c_{2} + c_{1} \text{ industry}$$

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