M = 0 M#O A many  $\phi_{AB}$ .  $\neq \phi_{VBC}$  $\frac{1}{L} = \frac{1}{L} \left( \frac{1}{L} \right) = \frac{1}{L} \left( \frac{1}{L}$  $\chi(t) = i_0 san(\omega t + \Phi)$  $L = V \cdot \frac{d\lambda}{dt} = V_0 \cos(\omega t + \phi) \lambda_0^{\omega} \cos(\omega t + \phi)$ = Vo.i. w. cosz(wt+\$)

$$i(t) = \frac{qrt}{c}$$

$$i(t) = \frac{dq}{dt}$$

$$q(t) = \frac{dq}{dt}$$

$$q(t) = -\frac{dq}{dt}$$

$$V(t) = -\frac{10}{\omega C} \cos(\omega t + \phi)$$

$$V(t) = V_0 i_0 \omega \cos^2(\omega t + \phi)$$

$$X \text{ AVERE} \text{ SOVR APPOSITIONE}$$

$$SOVE APPOSITIONE$$

$$SOVE$$

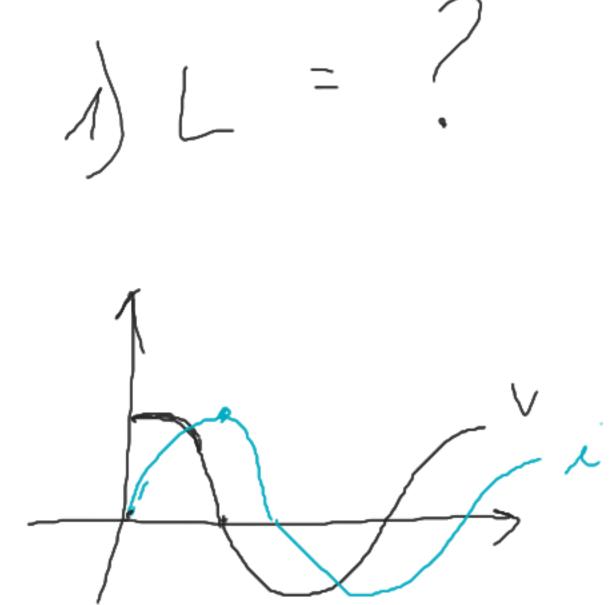
$$C = 85 \text{ mF}$$

$$\Delta V_{\text{MAX}} = 0$$

$$\lambda t = 1, 2.10 - 5$$

$$\lambda t = 24 \text{ mA}$$

$$L = V \frac{di}{dt}$$



$$L = V \cdot \Delta \dot{\lambda} = V \frac{24 \text{ mA}}{1,2-10^{-6} \text{ s}}$$

AP = I

$$i = \frac{\Delta Q}{\Delta t} \rightarrow \frac{i \cdot \Delta t}{1, 2 \cdot 10^{-6}} \cdot 24 \, \text{mA}, = \Delta Q$$

$$1, 2 \cdot 10^{-6} \cdot 24 \, \text{mA}, = \Delta Q$$

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25 mF 100 mF i(t)=12mA-sen(314.t) - 4929 · 10

$$= 20288.10^{3}$$

$$= 20284$$

$$L = \frac{1}{314^{2} \cdot 20.10^{-6}}$$

0,51 4

L = V. 
$$\frac{\Delta l}{\Delta t}$$

$$= \frac{1}{(1,6.10^{6})^{2} \cdot 120.10^{-9}}$$

$$= \frac{1}{(1,6.10^{6})^{2} \cdot 10^{12} \cdot 10^{-9} \cdot 10^{2}}$$

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$$= \frac{1}{(1,6.10^{6})^{2} \cdot 10^{12} \cdot 10^{-9}}$$

$$\frac{1}{1(2^{2}-1)^{2}}=3,25.10^{2}$$

$$J = L \cdot \Delta t = 3,25.10^{-6} = 4,33$$

 $\frac{3,75.10^{6}-3}{7,5.10^{3}}=0,433-10$