

Dano: | Pewerwo: 
$$r = 200$$
 |  $1$ )  $V = \underbrace{\mathcal{E}_{2} \omega_{3}^{2}}_{\text{(w}^{2} \omega^{2})^{2} + 4\beta^{2}\omega^{2}}$ ;  $\beta = \frac{1}{2} = \frac{r}{2L}$ 
 $V_{0} = \underbrace{\mathcal{E}_{0} \omega_{6}}_{\text{2}}$  |  $\underbrace{(\omega_{0}^{2} - \omega_{0}^{2})^{2} + 4\beta^{2}\omega^{2}}_{\text{2}} = \underbrace{(\omega_{0}^{2} - \omega_{0}^{2})^{2} + 4\beta^{2}\omega^{2}}_$ 

N 10.72 Pewerue: Dario. U=270B 1)  $2 = \frac{1}{1} = 220 (Qu)$ 12 = 104 au I = 1 A Trosor native C, nyxno native Xe, V=100 cm3 f=50/y XC = 122- rc2 Hautu: Ve, C 2) Morque Buongencovope agyr na nepenalyuzanguro a grering N705.au - 22 R 3) dw = EdD => cractorox f nyxno vensto siy Trepruso => Mornou = J EdDV. f - SV f 4) Mos = 22 + Svf = 9,8(BT) 5)  $V_c = \frac{N_{\text{nor}}}{T^2} = 9,8 (Qu) => X_c \approx 220 (Qu) =>$ =>  $C = \frac{1}{\omega \times c} = \frac{1}{2\pi f \times e} \approx 1,44.10^{-5} (95)$