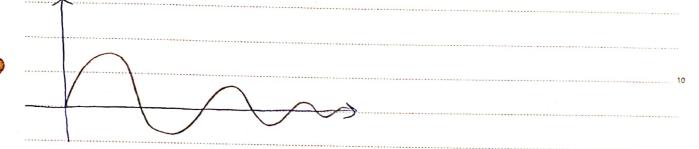
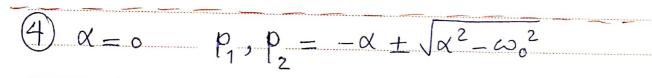
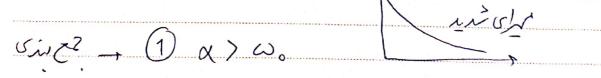


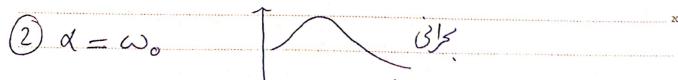
$$\rightarrow i_L = K_1 e^{-\alpha t} \cos(\omega_d t) + K_2 e^{-\alpha t} \sin(\omega_d t)$$

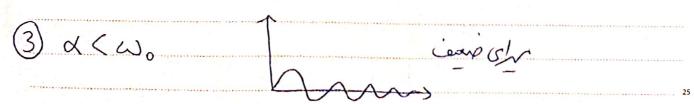




$$\rightarrow P_1, P_2 = \pm j\omega_0$$







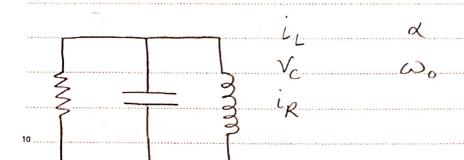


Papeo



$$V_{c(t)} = Cos(\omega_0 t) + k_2 Sin(\omega_0 t)$$

$$\longrightarrow$$
  $K_1 = 0$ 



$$\alpha = \frac{1}{2RC}$$
,  $\omega_0 = \frac{1}{\sqrt{LC}}$ 

$$\rightarrow K_1, K_2$$
 ir ir  $(0+)$   $\frac{dir}{dir}(0+)$ 

$$iR = K_1 e + K_2 e^{-4t}$$

$$iC = K_1 e + K_2 e^$$

سُراعِط اولية سان، دارند.

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