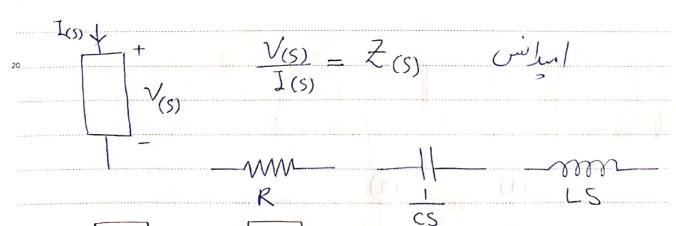
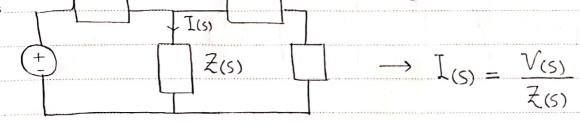


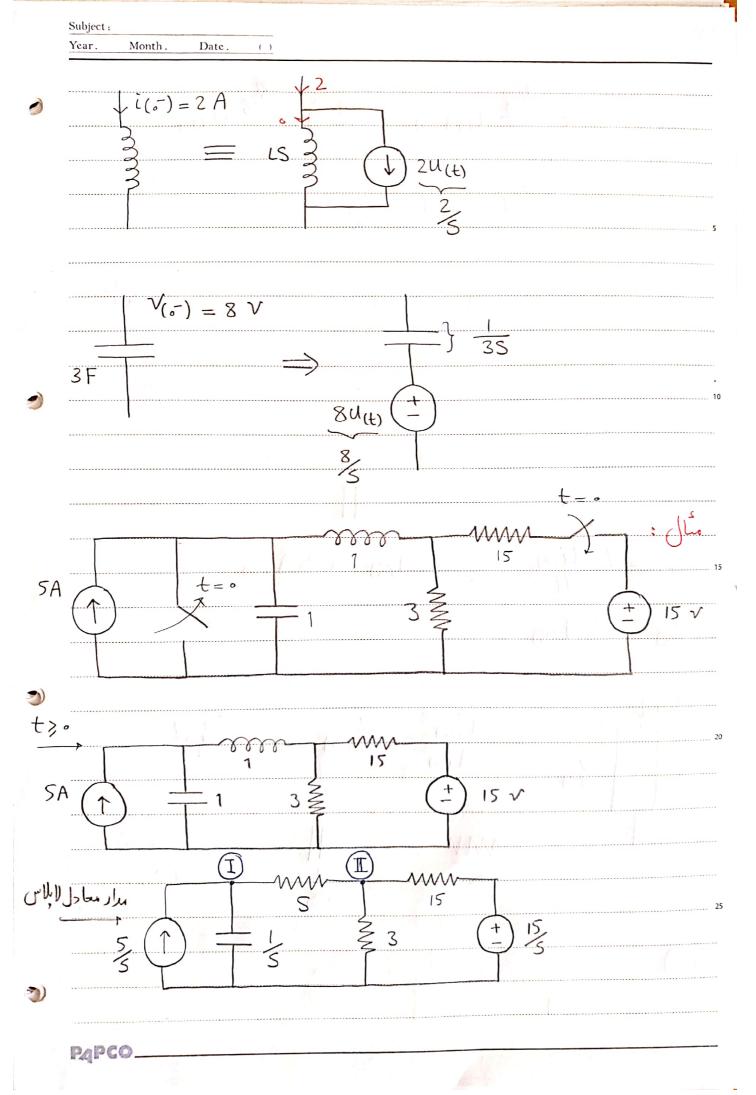
$$V_{(t)} = L \frac{di(t)}{dt} \qquad I_{(S)} = CS V_{(S)}$$

$$V_{(S)} = LS I_{(S)}$$





PAPCO



$$I_{(s)} = \frac{V_{(s)}}{Z_{(s)}}$$

$$V_{1} = \frac{5(S+3)}{S(S+2)(S+\frac{1}{2})}, V_{2} = \frac{(2.5)(S^{2}+6)}{S(S+2)(S+\frac{1}{2})}$$

$$-\frac{V_1 - A}{S} + \frac{B}{S+2} + \frac{C_1}{S+\frac{1}{2}}, \quad \frac{V_2 - A'}{S} + \frac{B'}{S+2} + \frac{C'}{S+\frac{1}{2}}$$

$$A = \mathcal{B}_{\mathcal{A}} \subset \mathcal{A}_{\mathcal{A}}$$

$$\rightarrow$$
, $A=15$, $B=\frac{5}{3}$, $C=-\frac{50}{3}$, $A'=15$, $B'=\frac{25}{3}$, $C'=-\frac{125}{6}$

$$v_{2(t)} = 15 u_{(t)} + \frac{25}{3} e^{-2t} u_{(t)} - \frac{125}{6} e^{-\frac{15}{2}} u_{(t)}$$

25

promise garage

PAPCO_____

