عرب عيرماى طراى

$$\frac{\frac{1t}{\alpha r}}{\frac{1}{\alpha r}}$$

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$$\frac{$$

$$y = Ax + b \rightarrow \frac{17}{x^{2}} = A\frac{a}{1} + b \qquad A = \frac{7}{x^{2}} = \frac{7}{x^{2}}$$

$$0 = 0 + b \rightarrow b = 0$$

$$\Rightarrow y = A_p x + b_r \Rightarrow -\frac{r}{\alpha r} = A_r \frac{\alpha}{r} + b_r \Rightarrow b_r s - A_r \alpha$$

$$\rightarrow + \frac{\gamma \epsilon}{\alpha r} = A_{\gamma} \qquad b_{\gamma s} - \frac{\gamma \epsilon}{\alpha r} \rightarrow A_{\gamma t} = \frac{+ \frac{\gamma \epsilon}{\alpha r} t}{\alpha r} - \frac{\gamma \epsilon}{\alpha r}$$

$$2 \rightarrow \int_{a}^{\infty} f(t)e^{-st} dt \rightarrow 0 = 0$$

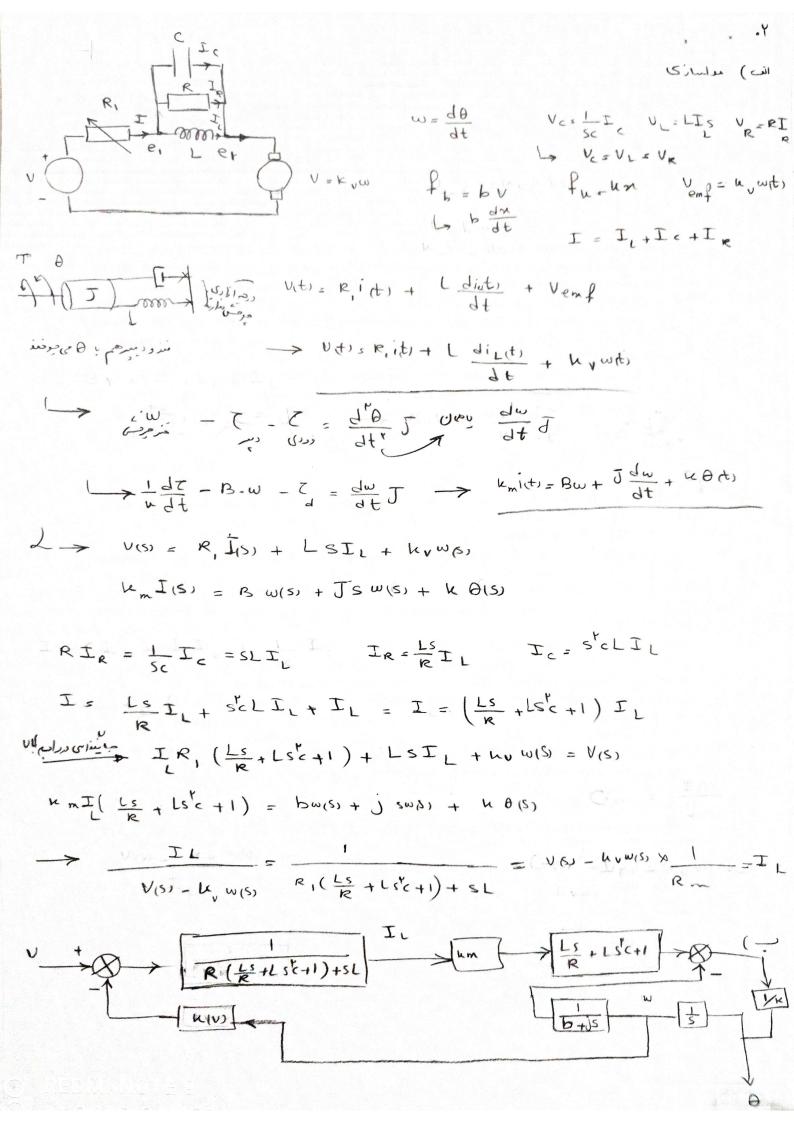
$$+\frac{r\varepsilon}{\alpha r} s^{r} e^{-\frac{\alpha}{r} s} \left( - \left( -\frac{r\varepsilon}{\alpha r} s \times 1 \left( \frac{-s}{s} \right) \right) \right) + \frac{r\varepsilon}{\alpha r} s^{r} = F(s)_{p}$$

$$\Theta = \int_{\frac{\alpha}{r}}^{\alpha} \left( -\frac{r\varepsilon}{u^{r}} t + \frac{r\varepsilon}{u^{r}} \right) e^{-\frac{c}{r}} dt = \int_{\frac{\alpha}{r}}^{\alpha} \frac{+r\varepsilon}{u^{r}} t e^{-\frac{c}{r}} dt + \int_{\frac{\alpha}{r}}^{\alpha} \frac{-r\varepsilon}{u^{r}} e^{-\frac{c}{r}} dt$$

$$\rightarrow + \frac{\gamma \varepsilon}{\alpha r} \left( \left[ -s_{x} \alpha e - s_{x} - s_{x} \right] - \left[ -s_{x} \alpha e - \frac{\alpha}{r} s \right] \right)$$

$$-\frac{\tau\epsilon}{\alpha r}\left(\left[-s \times \alpha \times e^{-\alpha s} - s e^{-\alpha s}\right] - \left[-s \frac{\alpha}{r} e^{-\frac{\alpha}{r} s} - s e^{-\frac{\alpha}{r} s}\right]\right)$$

$$=\frac{YE(1-\alpha)}{\alpha r}\left[\left(-se^{-\alpha s}(\alpha+s)\right)-\left(-se^{-\frac{cr}{r}s}(\frac{\alpha}{r}+s)\right)\right]=F(s)_{r}$$



$$V_{in} = u(t) \qquad Coss \frac{\theta}{R_i}$$

$$L > V_{in}(s) = \frac{1}{s}$$

$$\theta = \frac{1}{s} + Ls + Ls + 1 - b w(s) + js w(s)$$

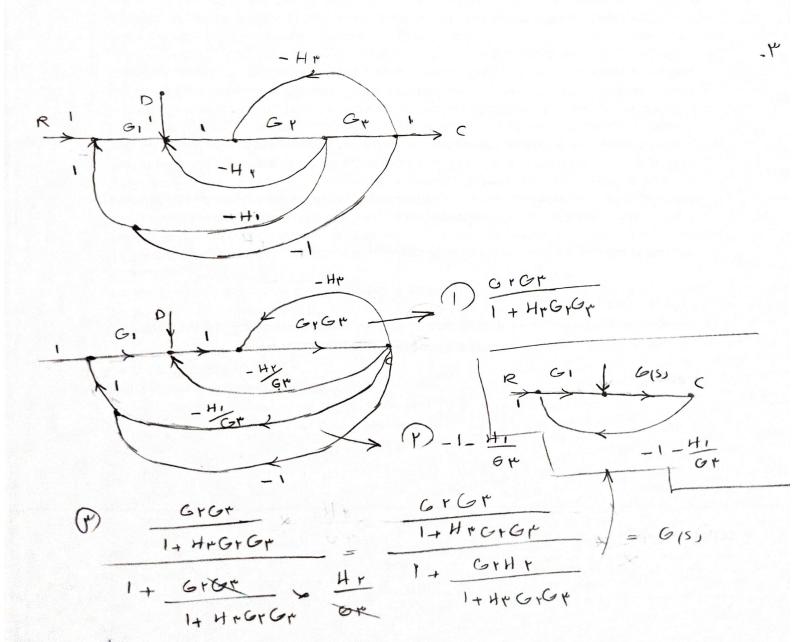
$$Coss \frac{\theta}{R_i}$$

$$R_i = \frac{1}{s} - LsIL - k_i w(s)$$

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$$[\mu_{S}] = \frac{\left[ \mu_{s} + \mu_{s}$$

I L ( LS + LSc+1)



(3)

$$Y_{G,s} = \frac{\sum_{u=1}^{N} H_{u} \Delta u}{\Delta u}$$

$$U_{s,s} = \frac{\sum_{u=1}^{N} H_{u$$