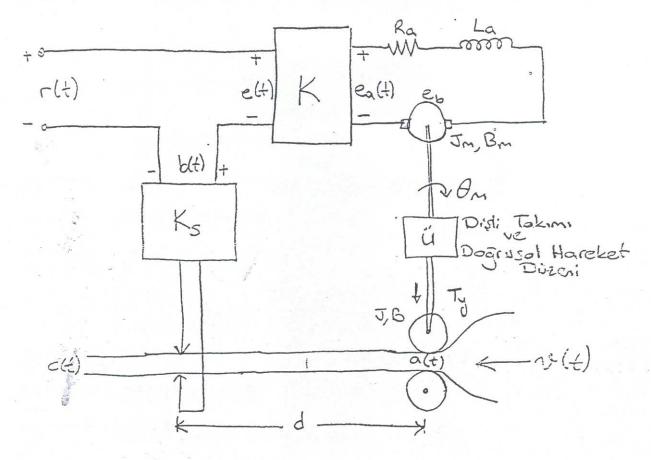
. Saç kalınlık öleme düzenine ilikin fematik diyagram aracılığıyla A.G.T.F ve K.G.T.F'nu elde eliniz.

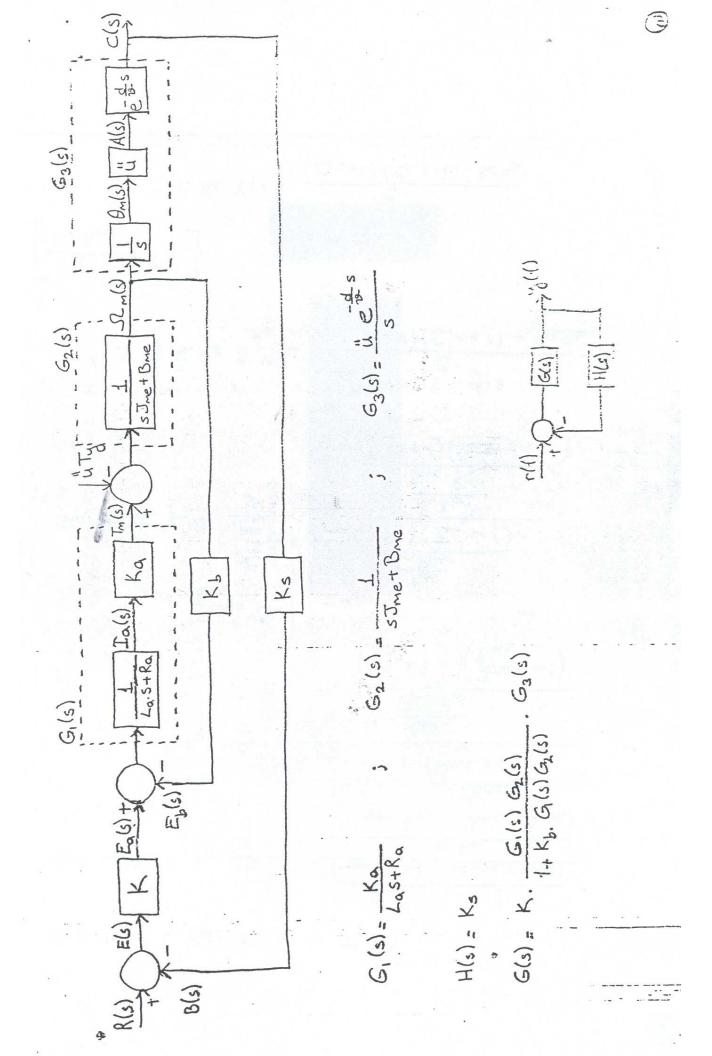


$$(3) \longrightarrow E_{a}(s) - E_{b}(s) = L_{a}. S I_{a}(s) + R_{a} I_{a}(s)$$

$$I_{a}(s) = \frac{E_{a}(s) - E_{b}(s)}{L_{a}. S + R_{a}}$$

$$\widehat{\mathcal{F}} \longrightarrow S.\partial_{m}(s) = \mathcal{N}_{m}(s)$$

$$\partial_{m}(s) = \mathcal{N}_{m}(s)$$



A. C. T. F = G(s) H(s); Ty=0

$$G(s). H(s) = K. K_{s}. \frac{ue^{-\frac{1}{4}s}}{s}. \frac{K_{a}}{(L_{as}+R_{a})} \cdot \frac{1}{(sJ_{me}+B_{me})}$$

$$= K. K_{s}. \frac{ue^{-\frac{1}{4}s}}{s}. \frac{K_{a}/L_{a}}{(L_{as}+R_{a})(sJ_{me}+B_{me})}$$

$$= K. K_{s}. \frac{ue^{-\frac{1}{4}s}}{s}. \frac{K_{a}/L_{a}}{(L_{as}+R_{a})(sJ_{me}+B_{me})}$$

$$= K. K_{s}. \frac{ue^{-\frac{1}{4}s}}{s}. \frac{K_{a}/L_{a}}{(R_{a}+R_{a})} \cdot \frac{1/B_{me}}{(B_{me}+B_{me})}$$

$$= K. K_{s}. \frac{ue^{-\frac{1}{4}s}}{s}. \frac{K_{a}/L_{a}}{(R_{a}+R_{a})} \cdot \frac{1/B_{me}}{(B_{me}+B_{me})}$$

$$= K. K_{s}. \frac{ue^{-\frac{1}{4}s}}{s}. \frac{K_{a}/L_{a}}{(R_{a}+B_{me})}$$

$$= \frac{K_{a}/L_{a}}{(R_{a}+R_{a})} \cdot \frac{1/B_{me}}{(B_{me}+B_{me})}$$

$$= \frac{K_{a}/L_{a}}{(R_{a}+R_{a})} \cdot \frac{1/B_{me}}{(B_{me}+B_{me})}$$

$$= \frac{K_{a}/L_{a}}{(R_{a}+B_{me})} \cdot \frac{K_{a}/L_{a}}{(R_{a}+B_{me})}$$

(5)

$$K.q.T.F \Rightarrow T(s) = \frac{G(s)}{1 + G(s) H(s)}$$