$$T = \frac{L}{1+L} \longrightarrow L = \frac{T}{1-T}$$

$$\Rightarrow L = \frac{100,9V}{5+(4,90)5-00,4}$$

$$\frac{1}{5!} \frac{1}{100} = \frac{W(5)}{R(5)} = \frac{1}{5!} \frac{1}{5!} = \frac{1}{5!} \frac{1}{5!} = \frac{1}{5!} \frac{1}{5!} = \frac{1}{5!} =$$

$$\frac{1}{R(s)}$$
 $\frac{V(s)}{S+in}$ $\frac{V(s)}{S+in}$ $\frac{V(s)}{S+in}$ $\frac{V(s)}{S+in}$

$$\frac{14}{3^{2}+65} = \frac{14}{5^{2}+65}$$

$$\frac{14}{3^{2}+65} = \frac{14}{5^{2}+65}$$

$$E(5) = (1 - \frac{14}{5^{2} + 65 + 14}) \frac{1^{2}}{5} = \frac{5^{2} + 65}{5(5^{2} + 45 + 14)}$$

7- 1

$$\frac{Y(S)}{(XS)} = \frac{G}{1+kG} \qquad E(S) = \left(1 - \frac{kG}{1+kG}\right) \frac{1}{S}$$

$$\frac{Y(5)}{R(5)} = \frac{kG}{1+kG} \xrightarrow{s} \frac{sy_9}{1+kG} = e_{55} = \lim_{s \to \infty} \left(1 - \frac{kG}{1+kG}\right) = 1 - \frac{kG(5)}{1+kG(5)}$$

$$\frac{(u^{1} z^{2})}{H c P} = \lim_{S \to \infty} (-T(S))$$

$$= \lim_{M \to \infty} (-T(S))$$

$$5-5^{\circ}$$
 $s = \frac{\alpha_{1}}{b_{1}}$