



K70

T.F. = K (S+6) (S+12) (S+13) +K

S.S.E < 0.1

e(00) = 1im \$\ightarrow \text{SU(S)} \\ \text{S + 40} \quad \text{1 + G(S)}

for , tot step = U(s). s U(s) = 1

 $e(\infty) = \lim_{S \to 0} \frac{1}{1 + G(S)}$ 

= lim 2 K K+ (+6) (5+12) (5+13)

K < 0.1 K + 936 K < 0.1K + 93.6 0.9K < 93.6 K < 104

\$0.2

99.8

ts <0.5 0 < K

0.2 = K 8100 K + \$1936. 0.2K + 187.2 = 100K.