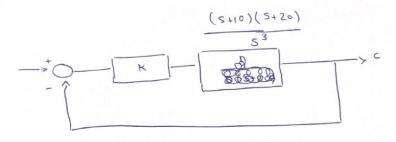
ر منا آدینریوم ۱۹۸۱۴۲۰۵۳ ر کوئیز یا ۱ نسرل معی

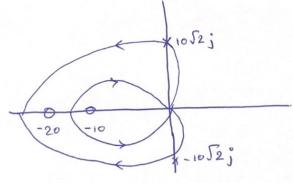
#1



$$1 + K \frac{(S+10)(S+20)}{5000} = 0 \frac{S^3 + KS^2 + 30KS + 200K}{S^3}$$

=>
$$5^{3} + KS^{2} + 30KS + 200K = 0$$
 => 5^{3} | $30K$
 5^{2} | K | $200K$
 5^{3} | $30K - 200$ | 0
 $30K - 200 = 0$ => K^{2} | $\frac{20}{3} = 6.6$ | 5° | $200K$ | 0

 $KS^{2} + 200K = 0$ K=6.6 K=6.6



0 CK 2 20