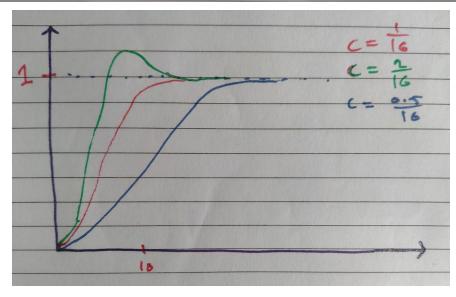


$Q_2. T) P = 1/K.                                   $	
R = UK S(I+ST)	
1 + C/K S(1+ST	
= C/K = C/K = ? S(1+ST) + C/K = T/s <sup>2</sup> + S + E/E	
II) Chav: Ts2+8 = 0	
critically: $6^2 - 4ac = 0$ $1 - 4T = 0$ $C = K = 1$ $ut = 16$	
: under : C716	
aur: CC 16	



$Q3 I) G(5) = \frac{1}{(5+20)(5^2+55+20)}$
$p1 = -20$ , $p_{2,3} \Rightarrow quenche equele$
= -5 ± 3.7
* - La
1) (pa approx as second order by discursing the flaglest of pole and comparate for the Change to SSG
5-53420

