S. DC Gam is 134

2% settle is . 8 seconds

524 = 5 $G(s) = \frac{3}{5+5} = \frac{1}{5+5} = \frac{1}{5+5}$ 6. DC Ghin ilso 2% settling: 2.8 seconds oscillating is period of.8 seconds, so 7.85 rad/s. G(s) = 150 (S+2,8-17,85;)(s+2,8-7,85;) Y=RAC R=XQ-RA-RBA Y=(AC +ACD+AB+A)X 8. Y- KG+FGX 91 Y=(ABCD) 1+BCE+ABCDF)X