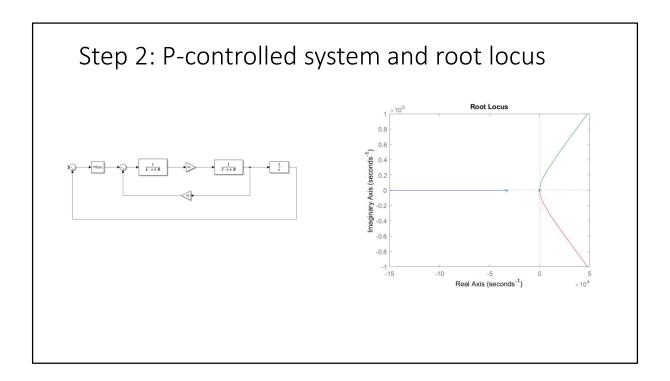
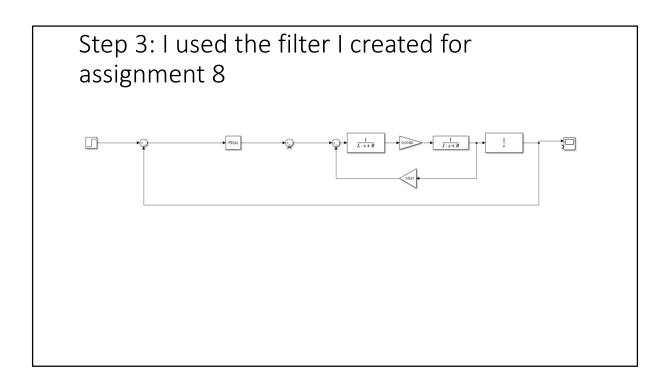
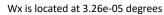
Assignment 9 Frequency Domain

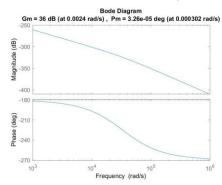
Nusair Islam

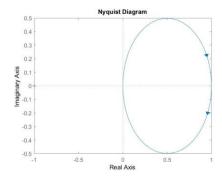




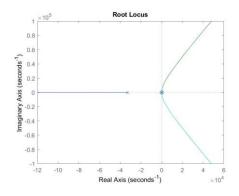
Step 4: Generated bode and Nyquist Plots of the last block diagram

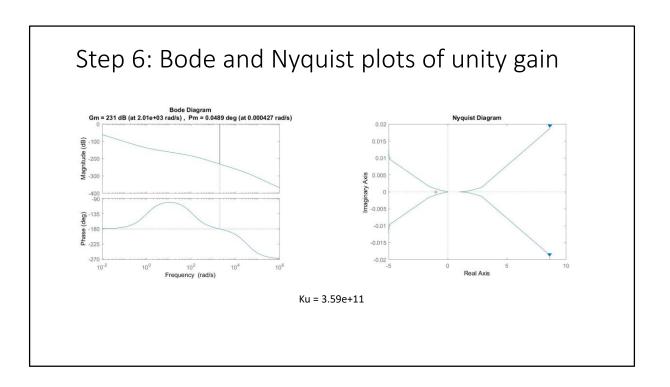






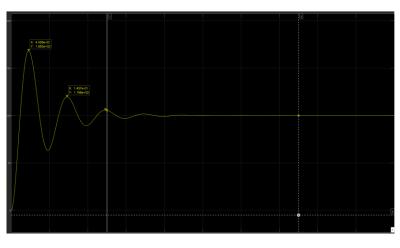
Step 5: The zero gets placed at wx and results in the following rlocus

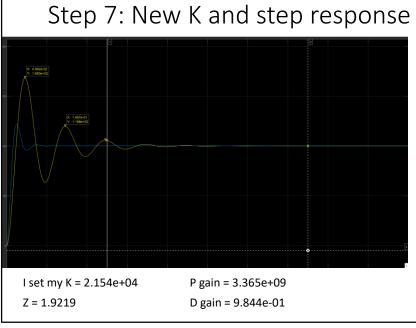






K = 20%*3.59e+11 = 7.18e+10





As you can see changing
My k and z values resulted
In a much more stableLooking graph (blue)
Compared to the original
Yellow. The OS amount
Is smaller, and the Tr
Occurs sooner

