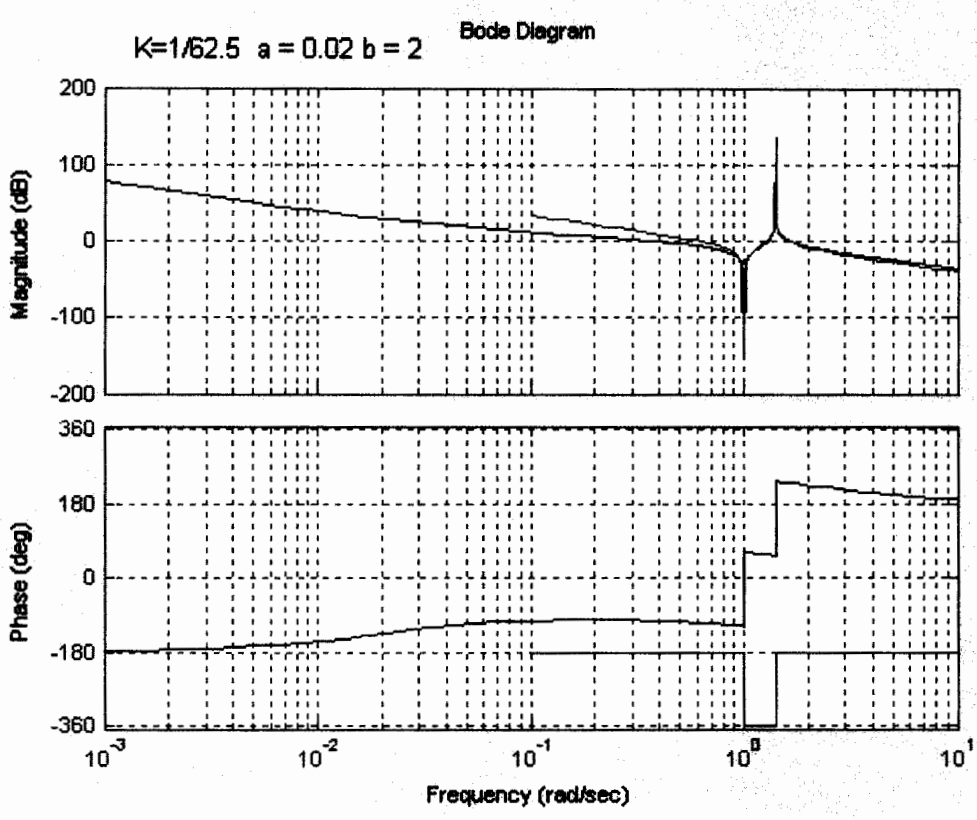
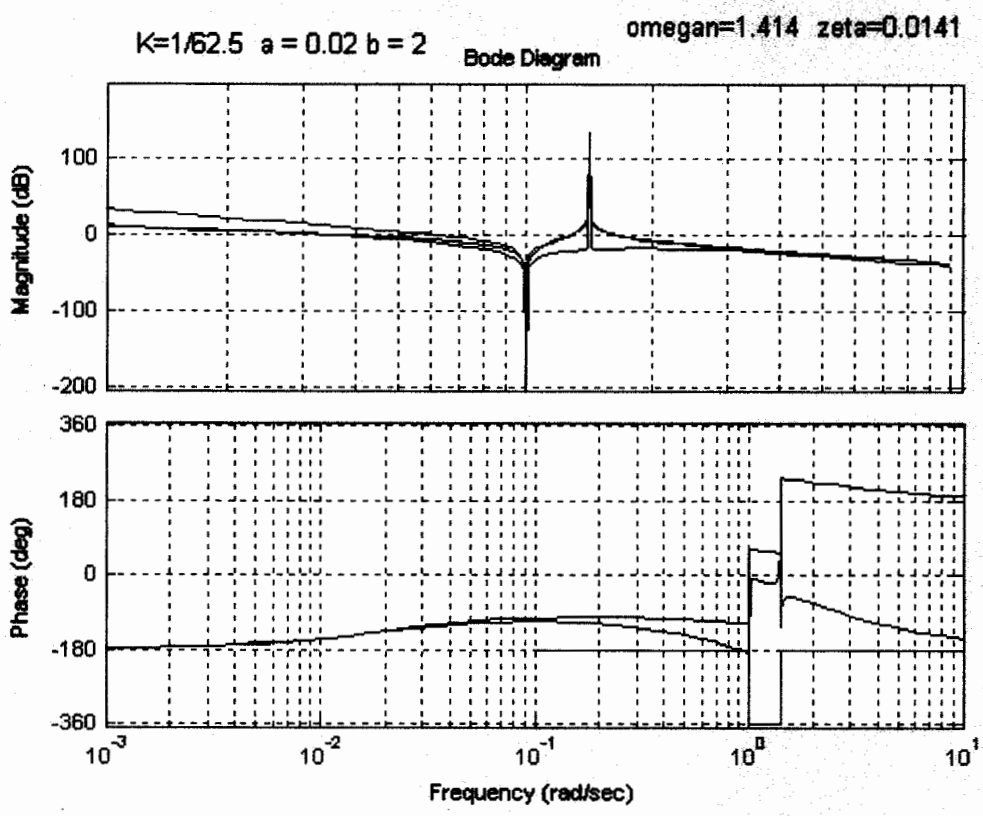
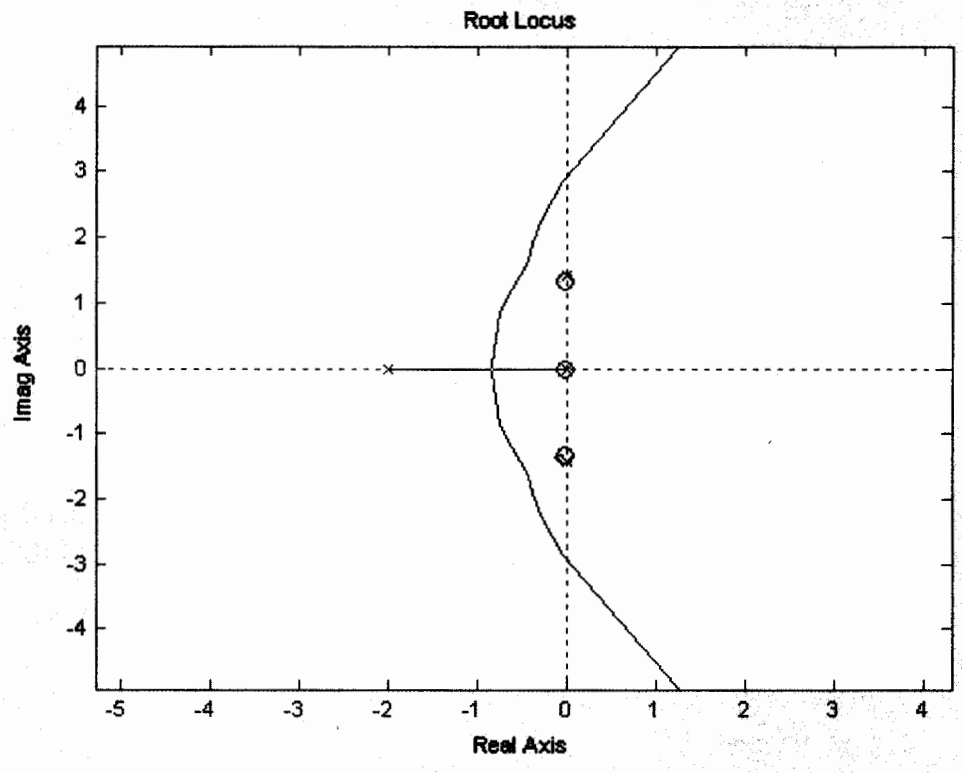
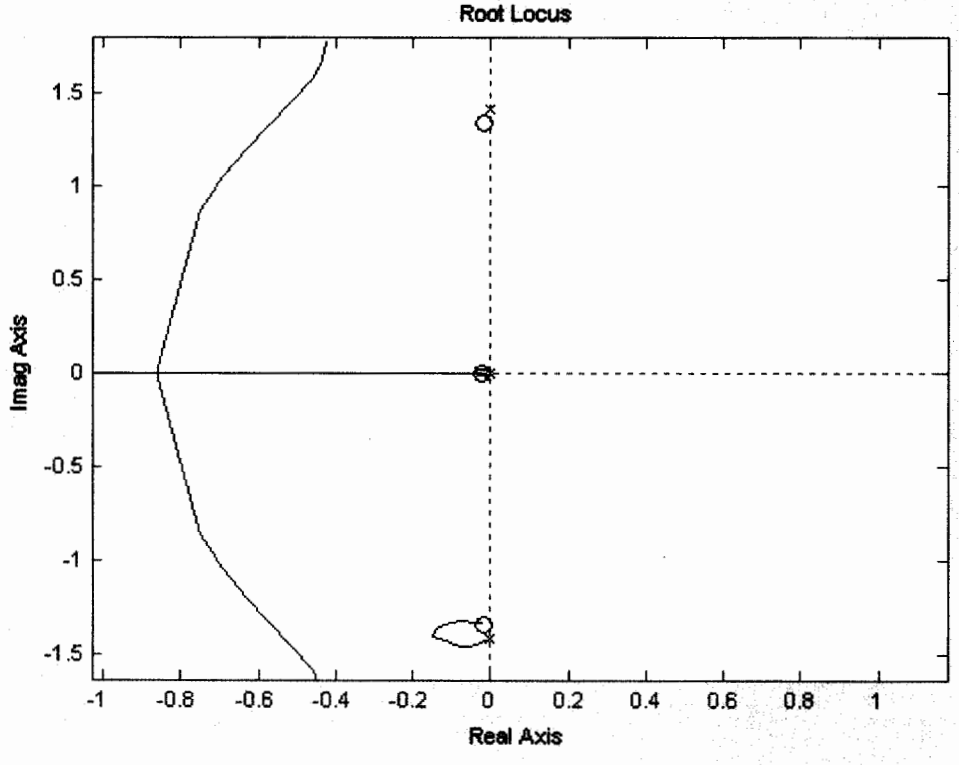

Bode Diagram
K=1/62.5 a = 0.02 b = 2
Magnitude (dB)
200
100
0
-100
-200
Phase (deg)
360
180
0
-180
-360
10^-3
10^-2
10^-1
10^0
10^1
Frequency (rad/sec)

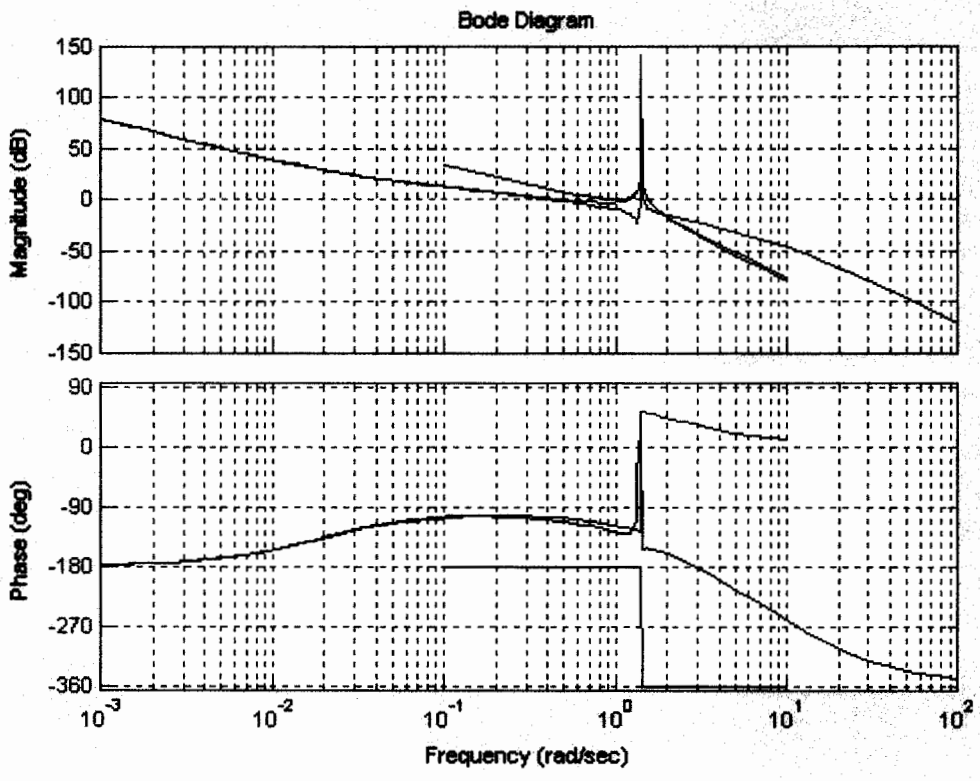

K=1/62.5 a = 0.02 b = 2
omegan=1.414 zeta=0.0141
Bode Diagram
Magnitude (dB)
100
0
-100
-200
Phase (deg)
360
180
0
-180
-360
10^-3
10^-2
10^-1
10^0
10^1
Frequency (rad/sec)

With lead and notch compensation



With lead and notch compensation




Bode Diagram
Magnitude (dB)
150
100
50
0
-50
-100
-150
Phase (deg)
90
0
-90
-180
-270
-360
10^-3
10^-2
10^-1
10^0
10^1
10^2
Frequency (rad/sec)