Bode Diagram
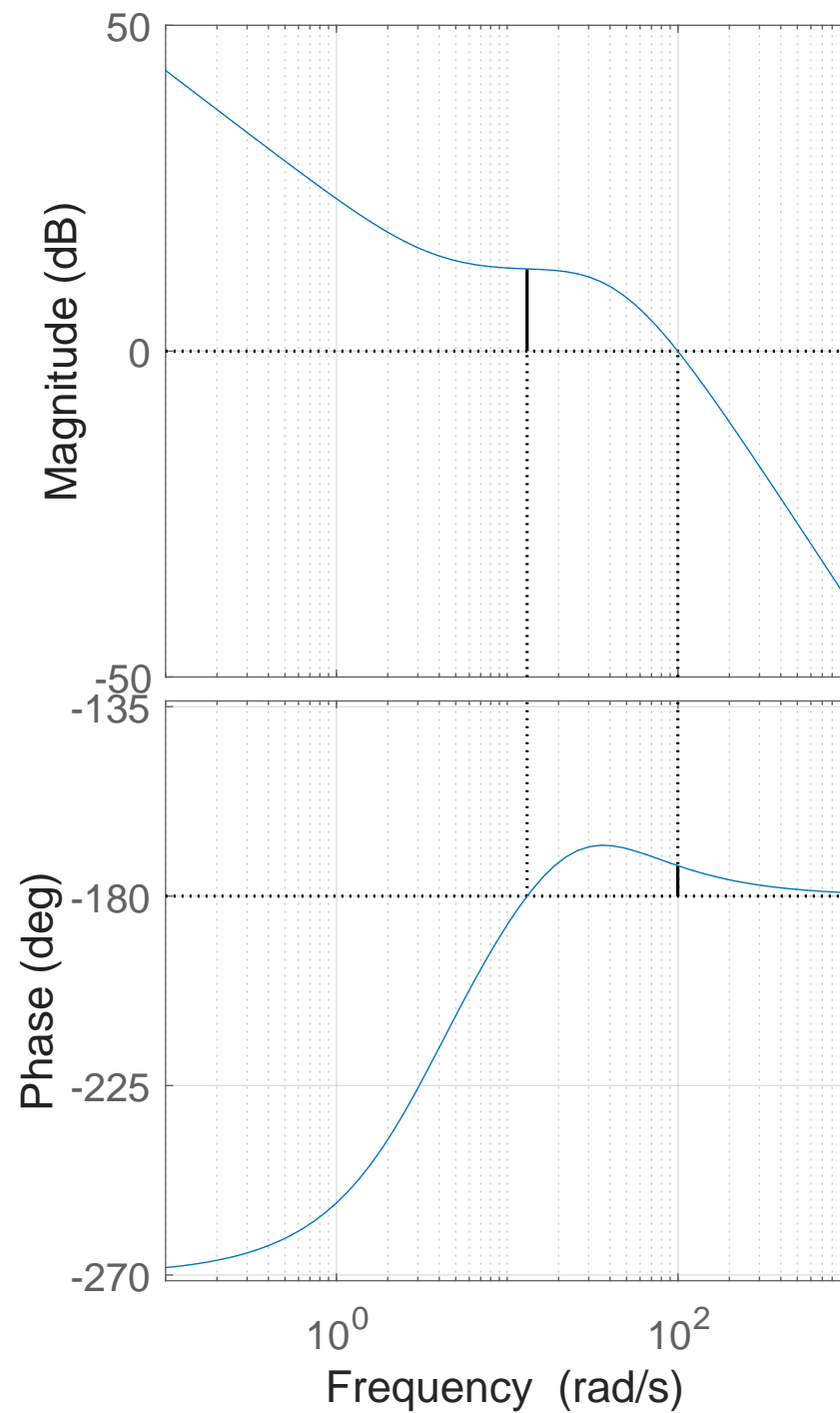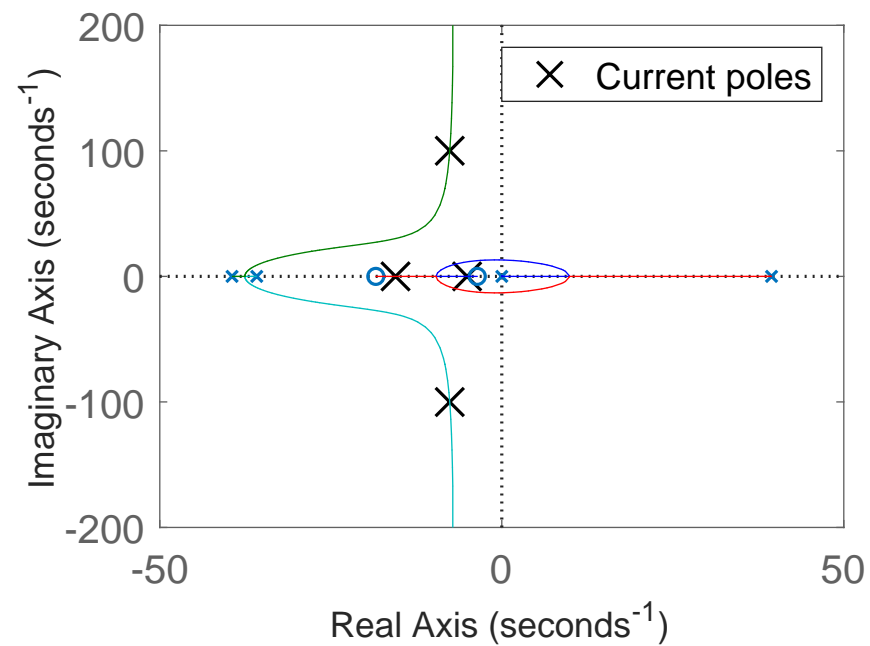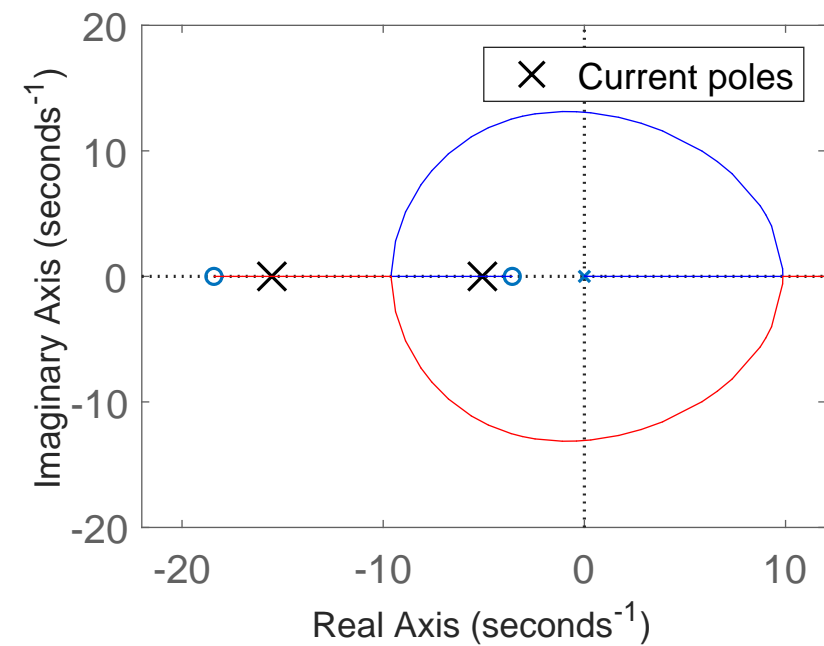
Gm = -12.6 dB (at 13.1 rad/s), Pm = 7.23 deg (at 99.8 rad/s)

Root Locus

Root Locus

Step Response