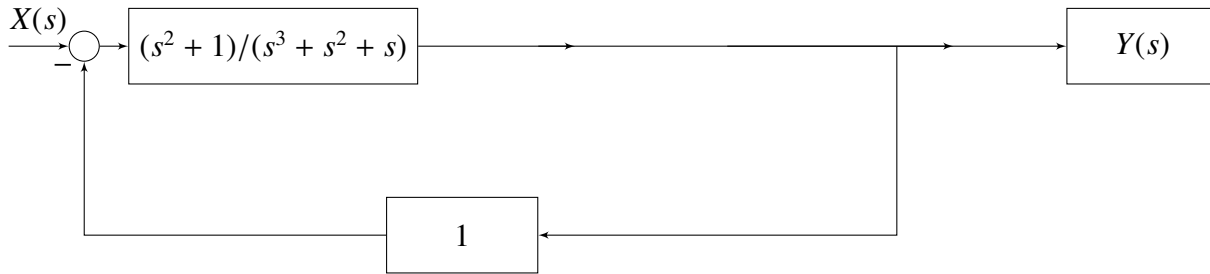
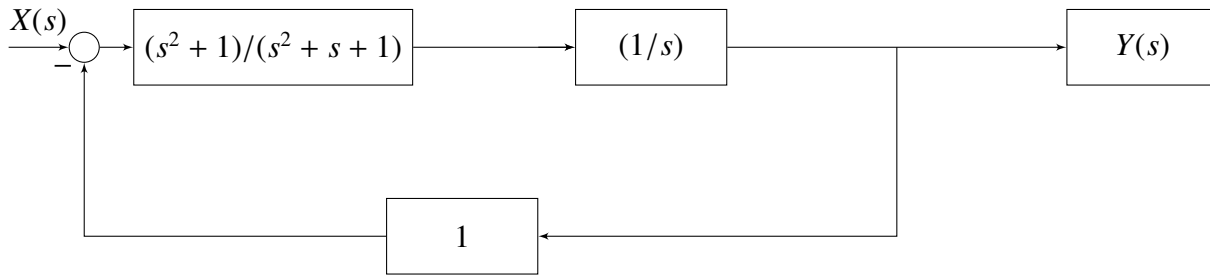


$$X(s)\left(\frac{s^2 + 1}{s^3 + 2s^2 + s + 1}\right) = Y(s) \quad (1.1.7)$$



$$\frac{Y(s)}{X(s)} = \frac{s^2 + 1}{s^3 + 2s^2 + s + 1} \quad (1.1.8)$$

2 ROUTH HURWITZ CRITERION

3 COMPENSATORS

4 NYQUIST PLOT

