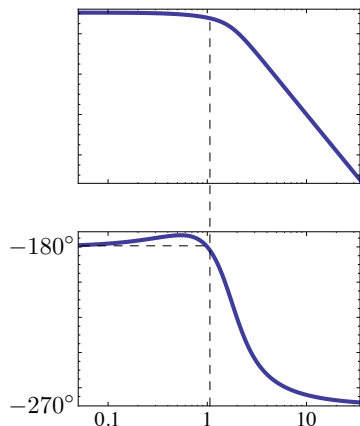


Example 2

$$G(s) = \frac{1}{(s-1)(s^2+2s+3)}$$

(1 open-loop RHP pole)

Bode plot:



Nyquist plot:

$$\begin{aligned}\omega = 0 & \quad M = 1/3, \phi = -180^\circ \\ \omega = 1 & \quad M = 1/4, \phi = -180^\circ \\ \omega \rightarrow \infty & \quad M \rightarrow 0, \phi \rightarrow -270^\circ\end{aligned}$$

