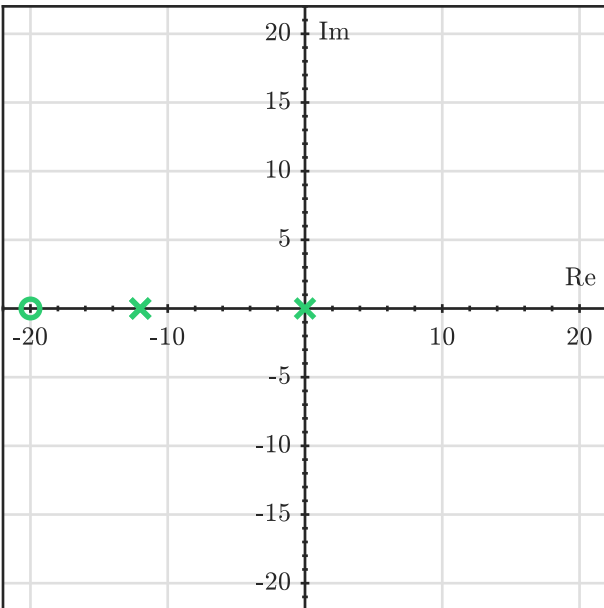


Pole-zero map



$$\omega = 0 \text{ rad/s}$$
$$\zeta = -1$$

$$\omega = 12 \text{ rad/s}$$
$$\zeta = 1$$

$$\omega = 12 \text{ rad/s}$$
$$\zeta = 1$$