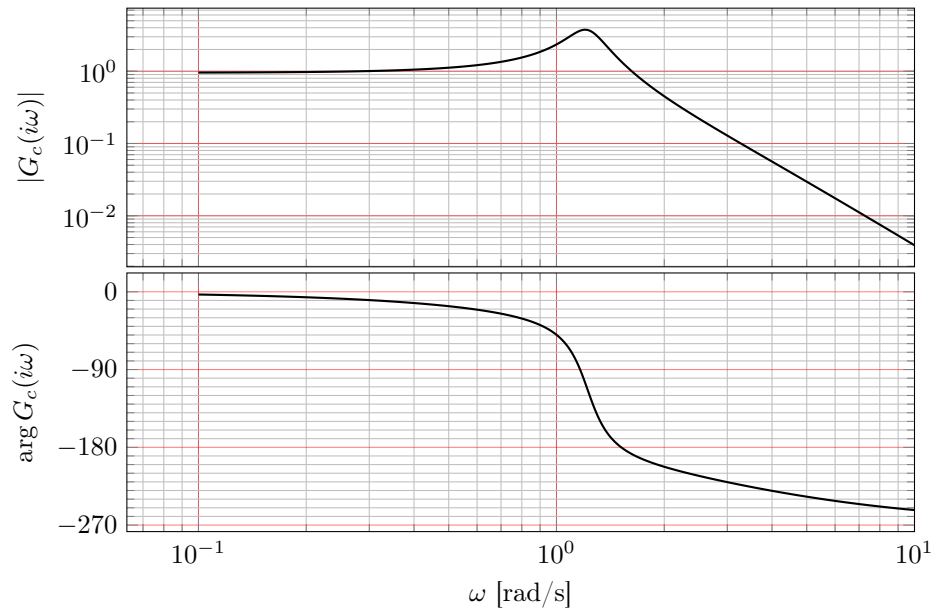
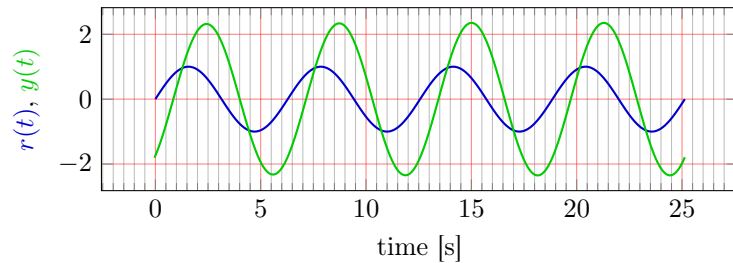


Bode plot



$$r(t) = \sin(\omega t), \omega = 1$$



$$r(t) = \sin(\omega t), \omega = 0.5$$

