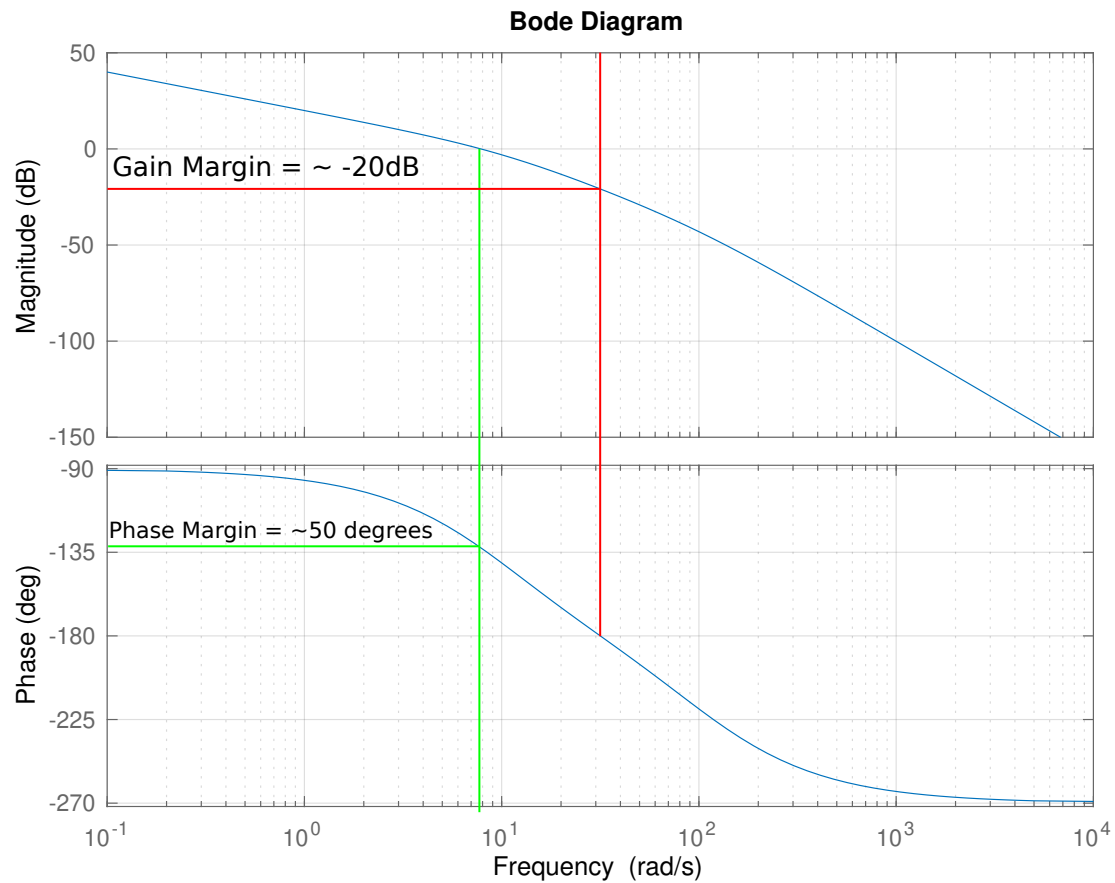


- (d) (5 points) For the Bode plot displayed below, give the approximate gain and phase margin, as well as the approximate damping ratio.



$$\begin{aligned}\text{Damping Ratio} &= \text{Phase Margin}/100 \\ &= 50 / 100 \\ &= 0.5\end{aligned}$$