

Lead & Lag Compensation

What we got before, with lag only:

- ▶ Improved PM by adjusting K to decrease ω_c .
- ▶ This gave $\omega_c \approx 0.5$, whereas now we want a larger ω_c (recall: $\omega_{\text{BW}} \in [\omega_c, 2\omega_c]$, so $\omega_c = 0.5$ is too small)

So: we need to reshape the phase curve using lead.