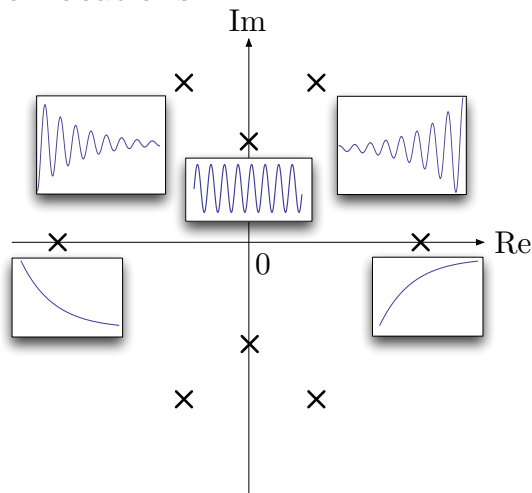


Effect of Pole Locations



- ▶ poles in open LHP ($\text{Re}(s) < 0$) — stable response
- ▶ poles in open RHP ($\text{Re}(s) > 0$) — unstable response
- ▶ poles on the imaginary axis ($\text{Re}(s) = 0$) — tricky case