Plan of the Lecture

- ▶ Review: introduction to Root Locus
- ▶ Today's topic: design using Root Locus; introduction to dynamic compensation

Goal: learn how to use Root Locus in control system design (stabilization, time response shaping) and to visualize the effect of various controller types on system performance.

Reading: FPE, Chapter 5

Note!! The way I teach the Root Locus differs a bit from what the textbook does (good news: it is simpler). Still, pay attention in class!!