Plan of the Lecture

- ▶ Review: control, feedback, etc.
- ▶ Today's topic: state-space models of systems; linearization

Goal: a general framework that encompasses all examples of interest. Once we have mastered this framework, we can proceed to *analysis* and then to *design.*

Reading: FPE, Sections 1.1, 1.2, 2.1–2.4, 7.2, 9.2.1.
Chapter 2 has lots of cool examples of system models!!