

## Plan of the Lecture

- ▶ **Review:** transient and steady-state response; DC gain and the FVT
- ▶ **Today's topic:** system-modeling diagrams; prototype 2nd-order system

*Goal:* develop a methodology for representing and analyzing systems by means of block diagrams; start analyzing a prototype 2nd-order system.

*Reading:* FPE, Sections 3.1–3.2; lab manual