

Block diagram reduction technique

Continue>>>

Figure 2.14

Second-order feedback control system

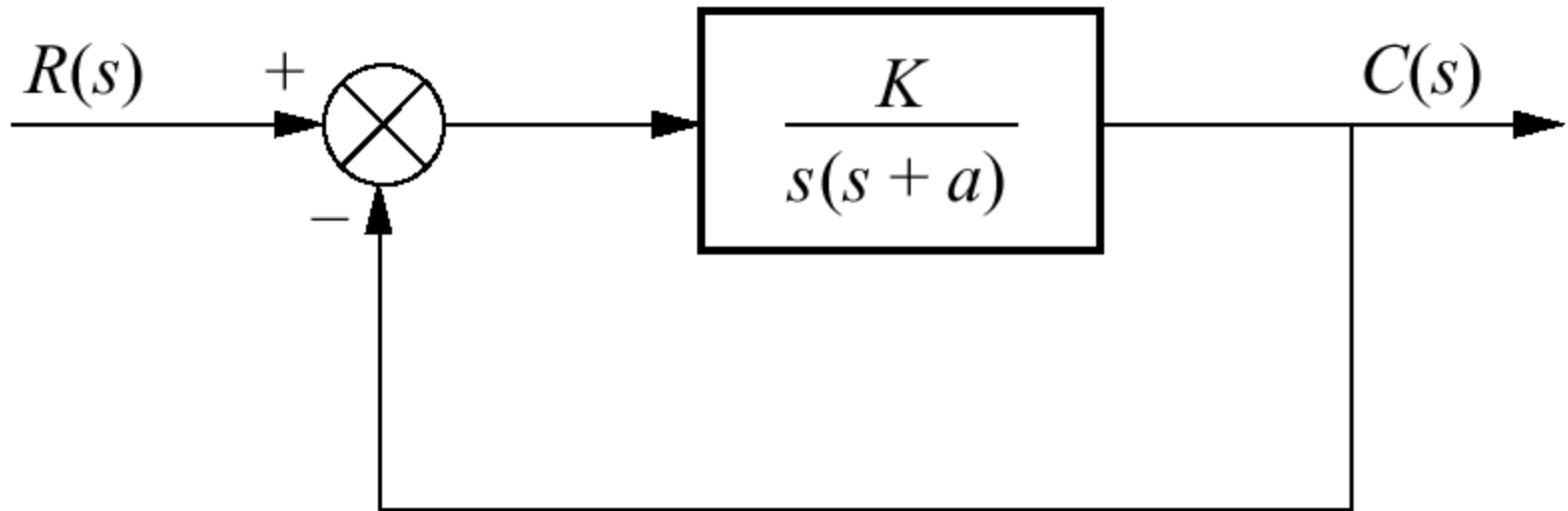


Figure 2.15

Feedback system

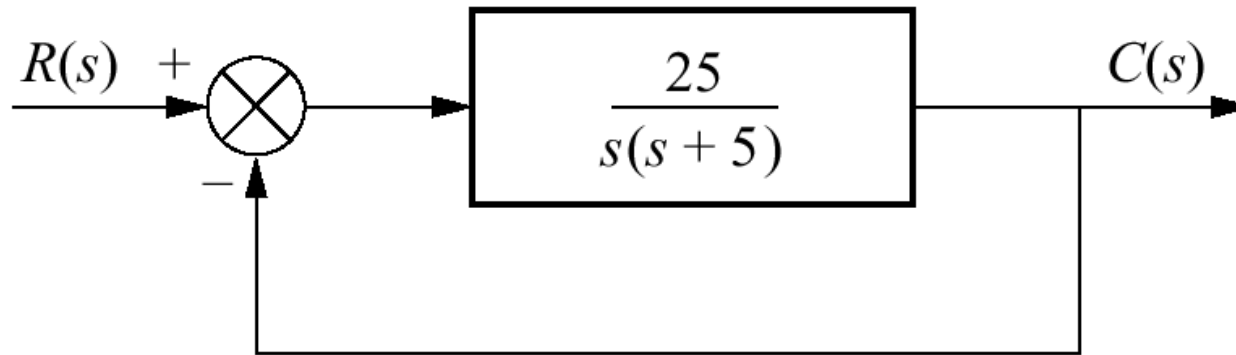


Figure 2.16

Feedback system

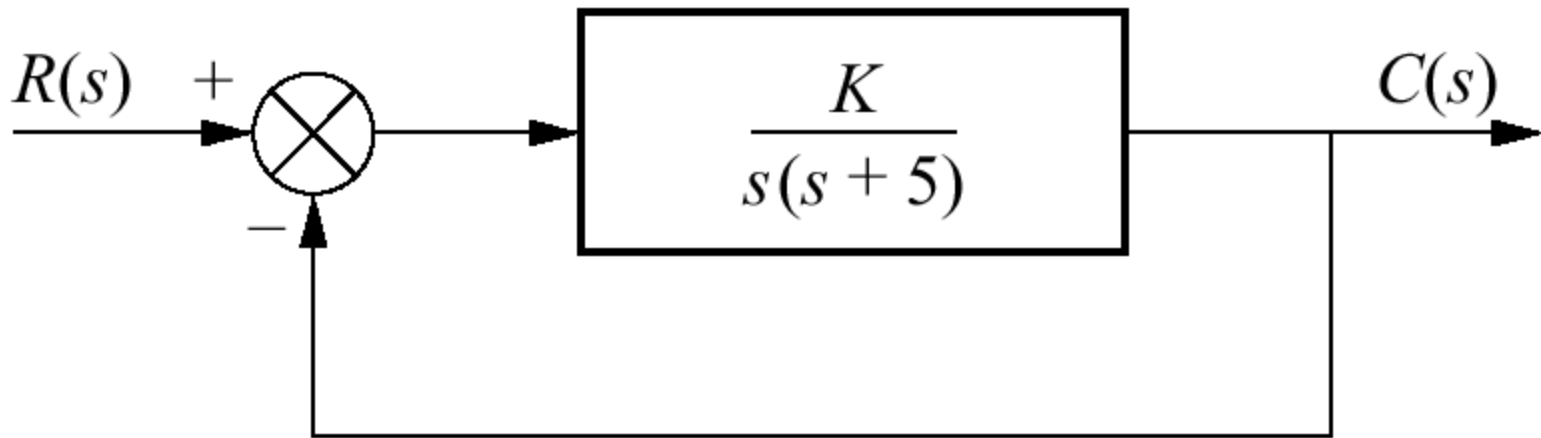


Figure 5.34

Alvin, a manned submersible, explored the wreckage of the *Titanic* with a tethered robot, *Jason Junior*.

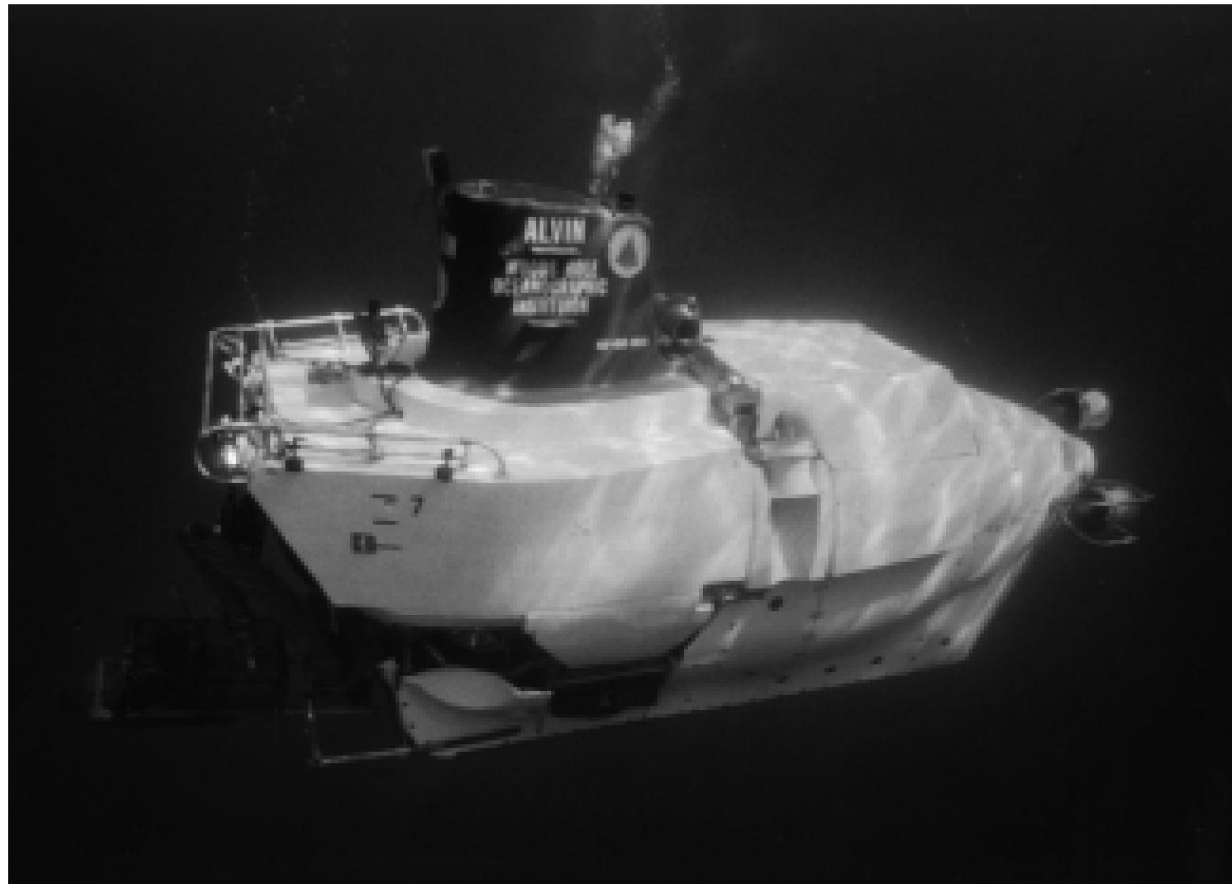


Figure 5.35

Block diagram reduction for the antenna azimuth position control system:

- a. original;
- b. pushing input potentiometer to the right past the summing junction;
- c. showing equivalent forward transfer function;
- d. final closed-loop transfer function

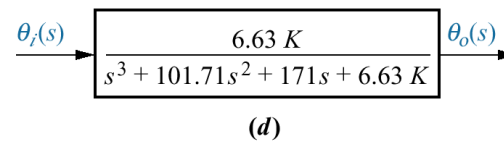
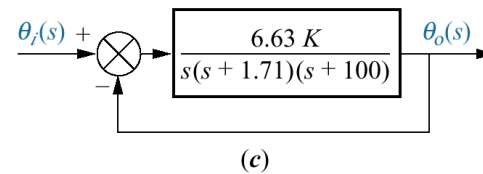
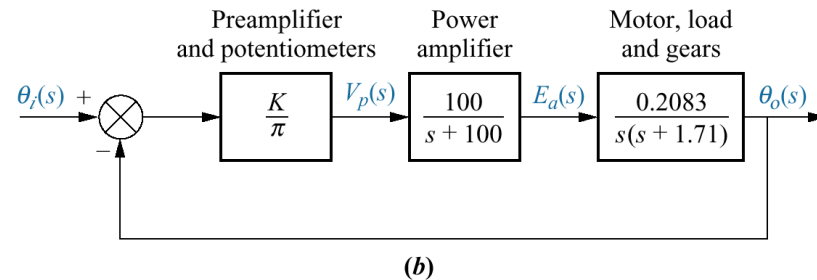
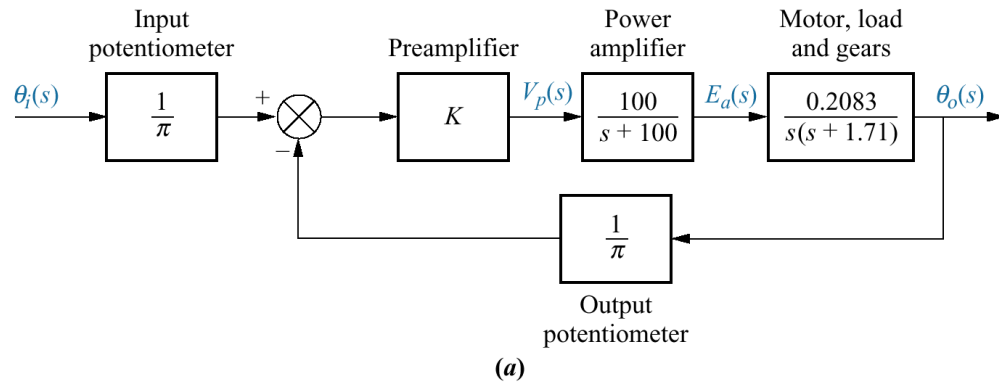


Figure P5.3

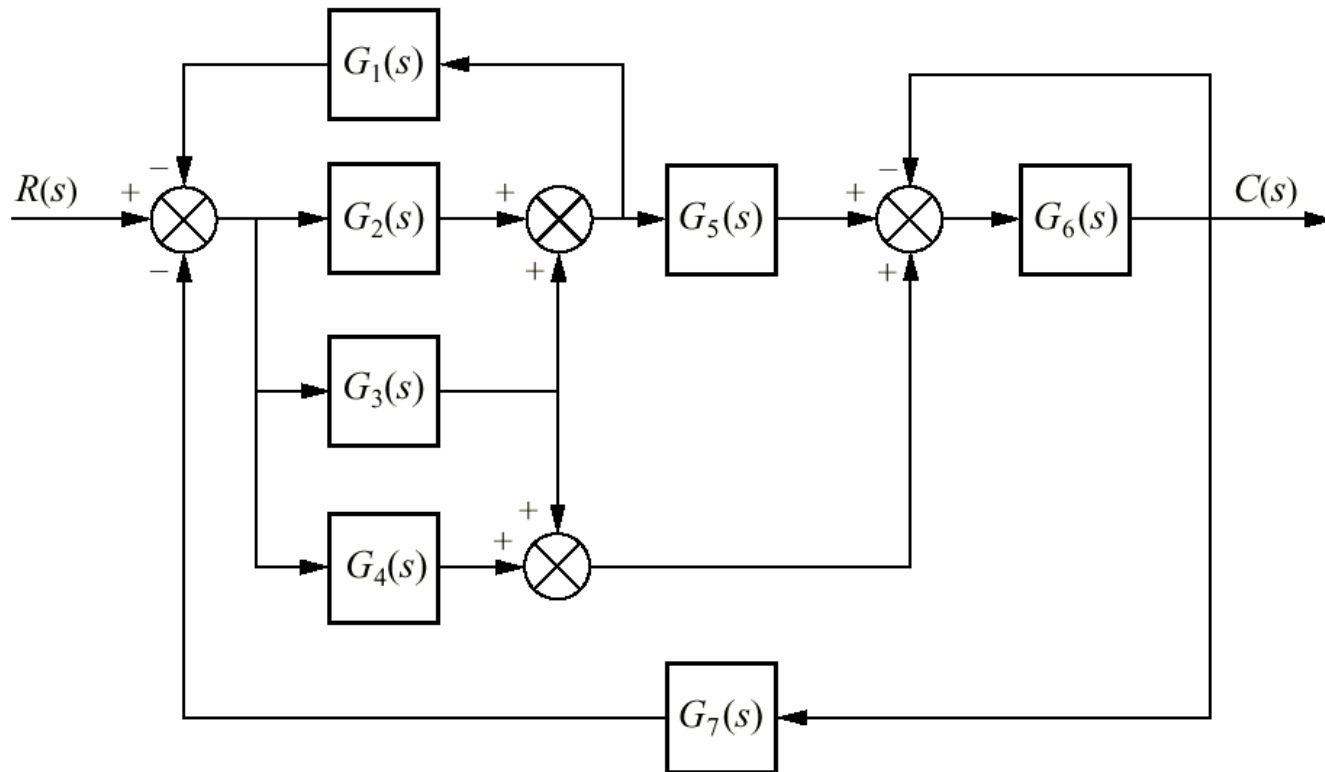


Figure P5.4

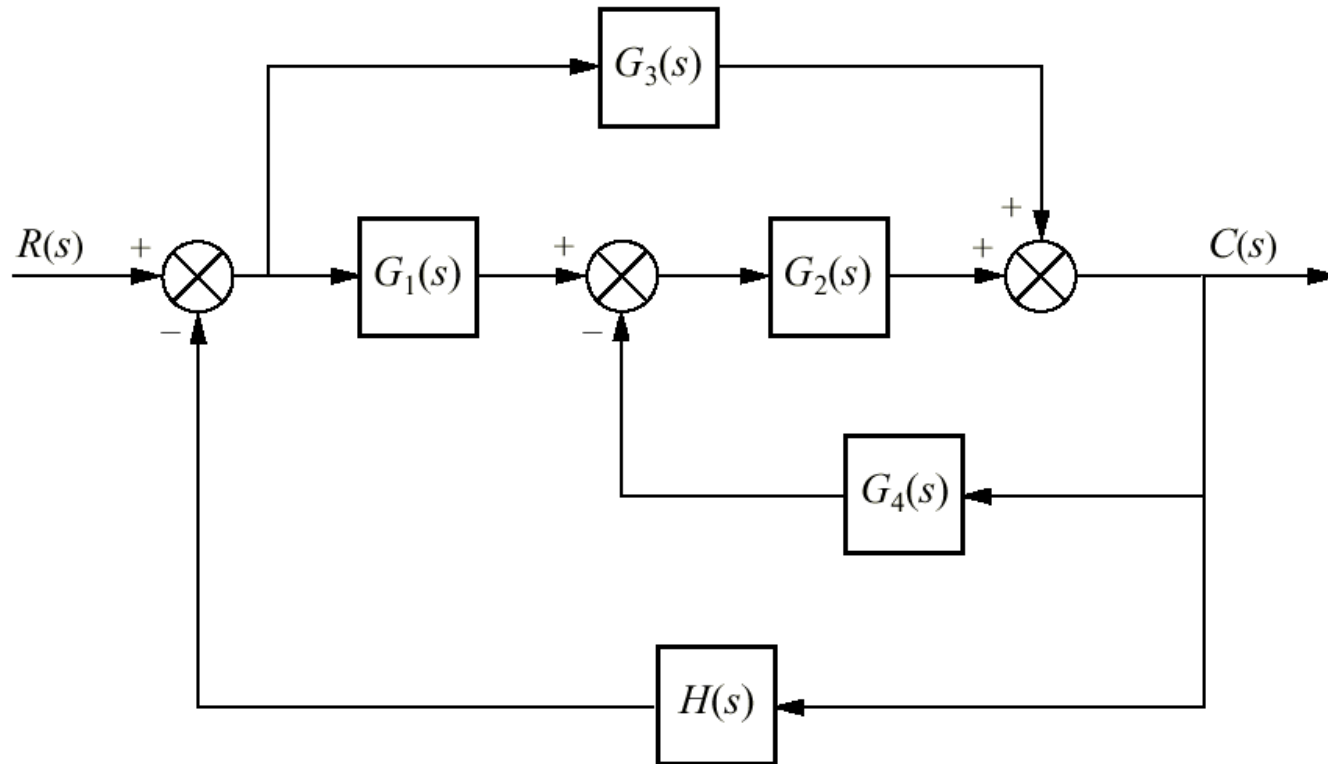


Figure P5.5

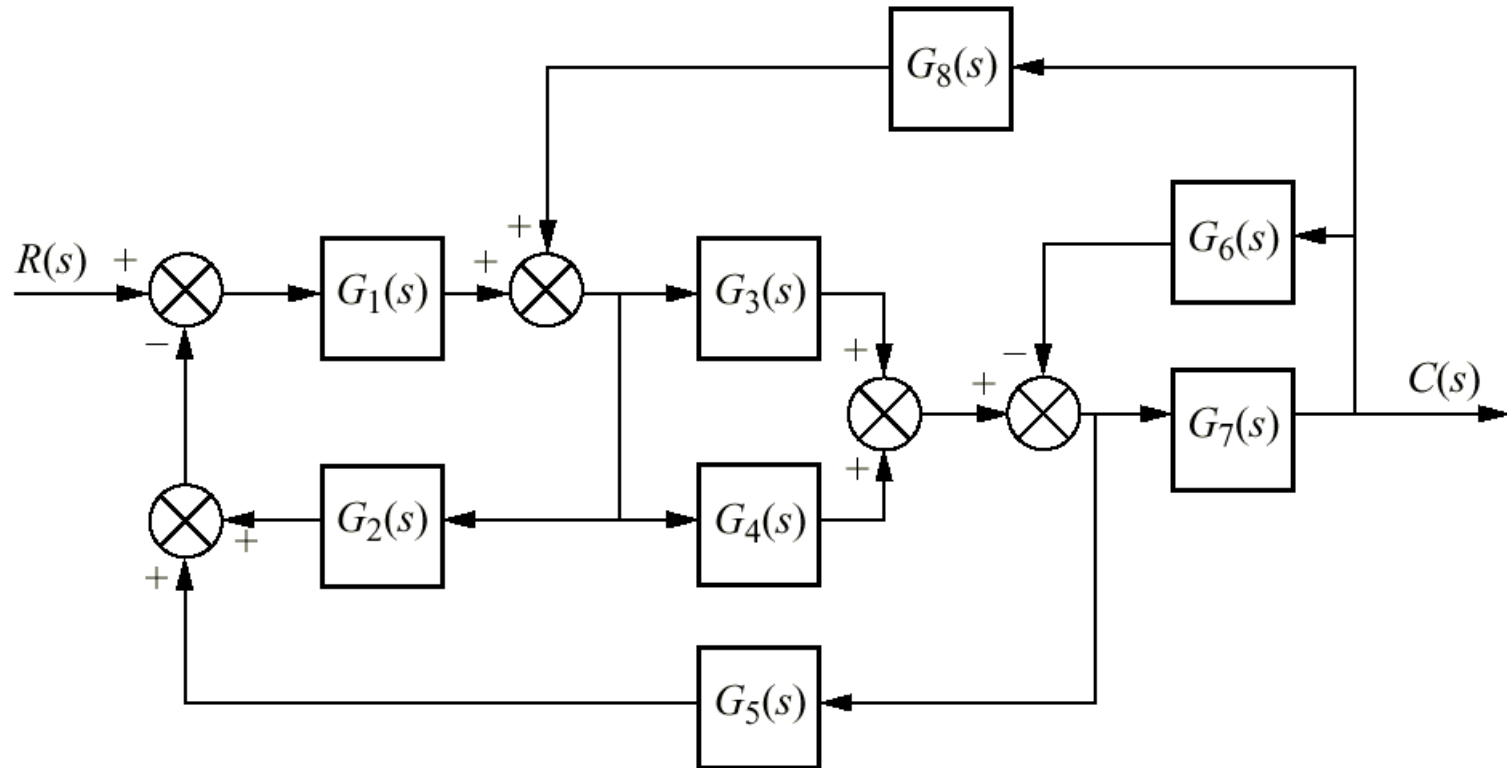


Figure P5.6

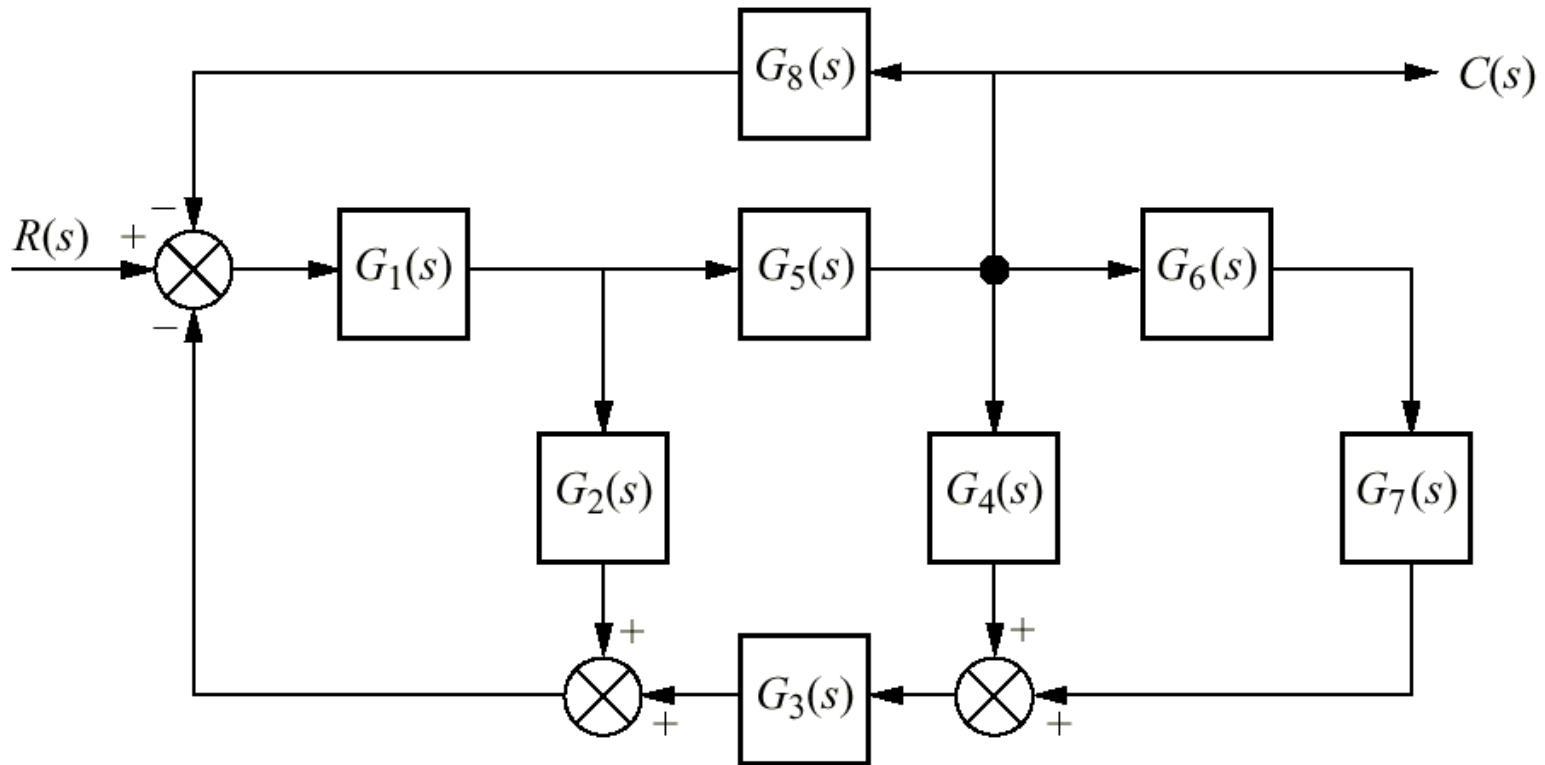


Figure P5.7

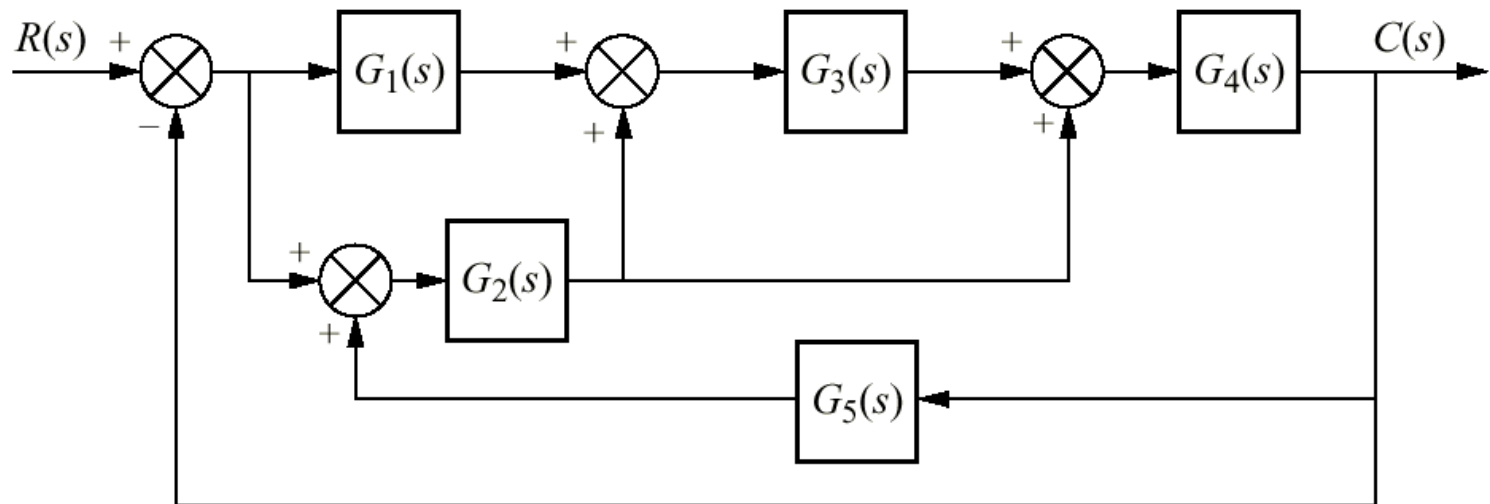


Figure P5.8

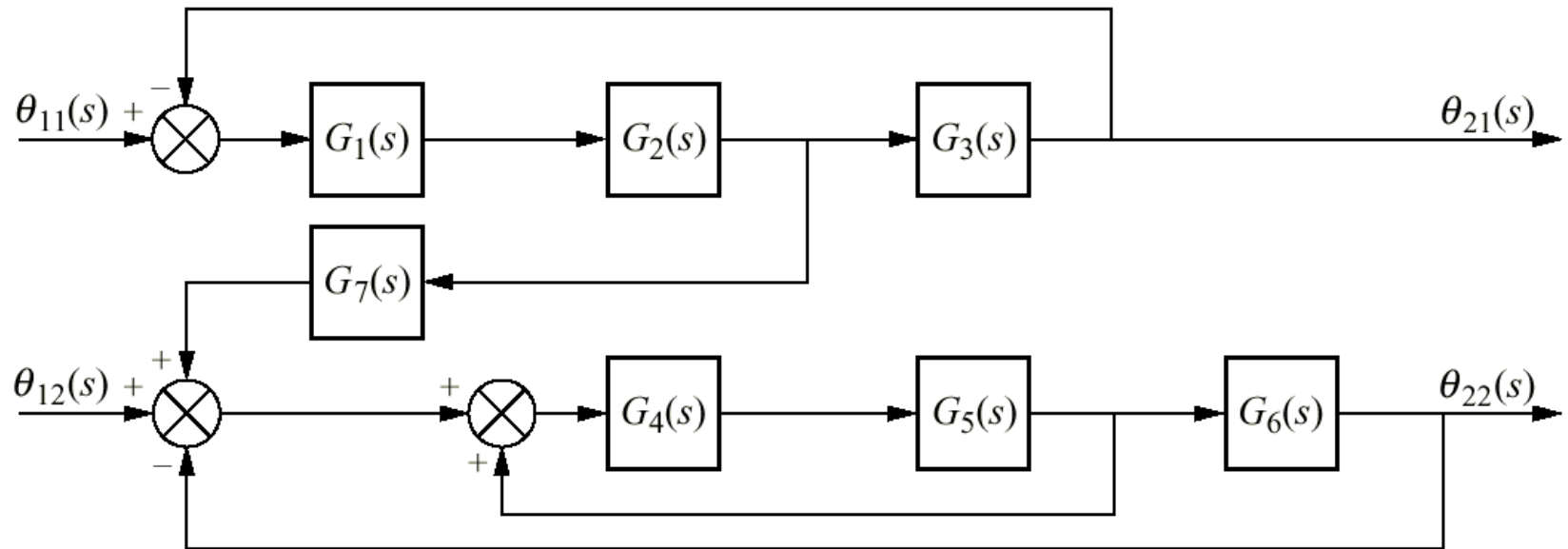


Figure P5.9

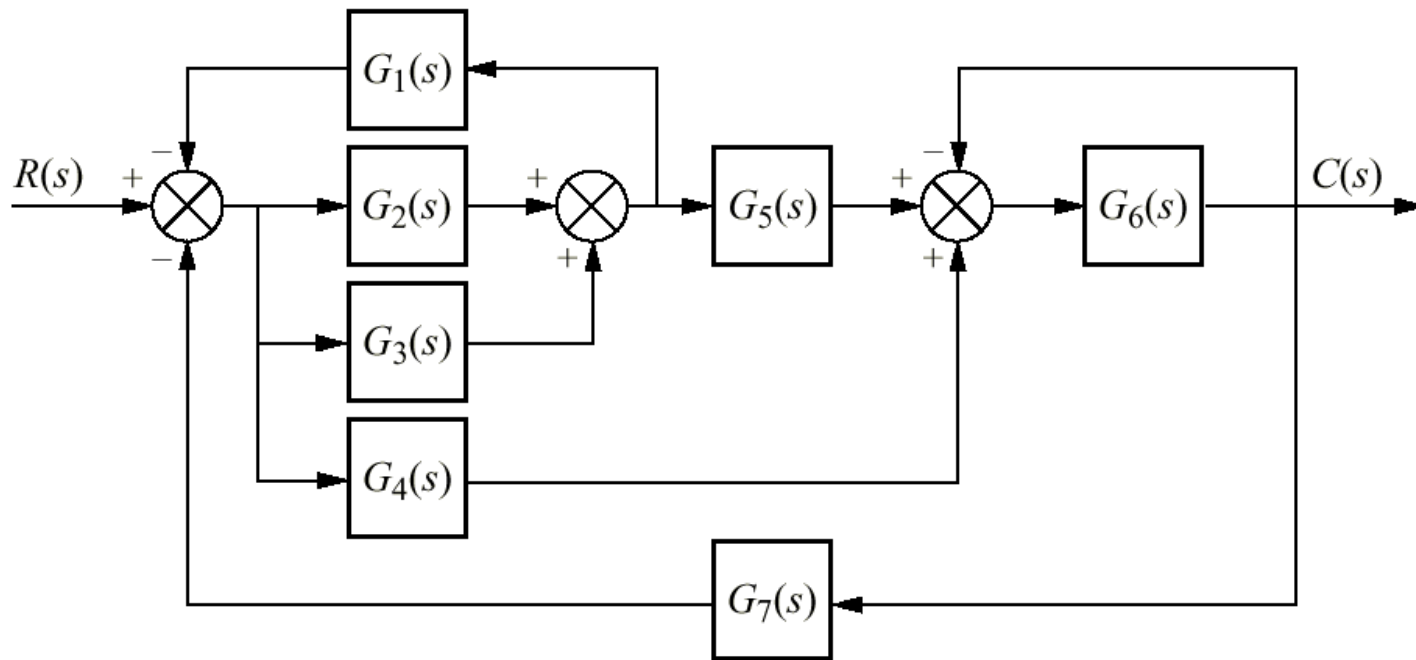


Figure P5.10

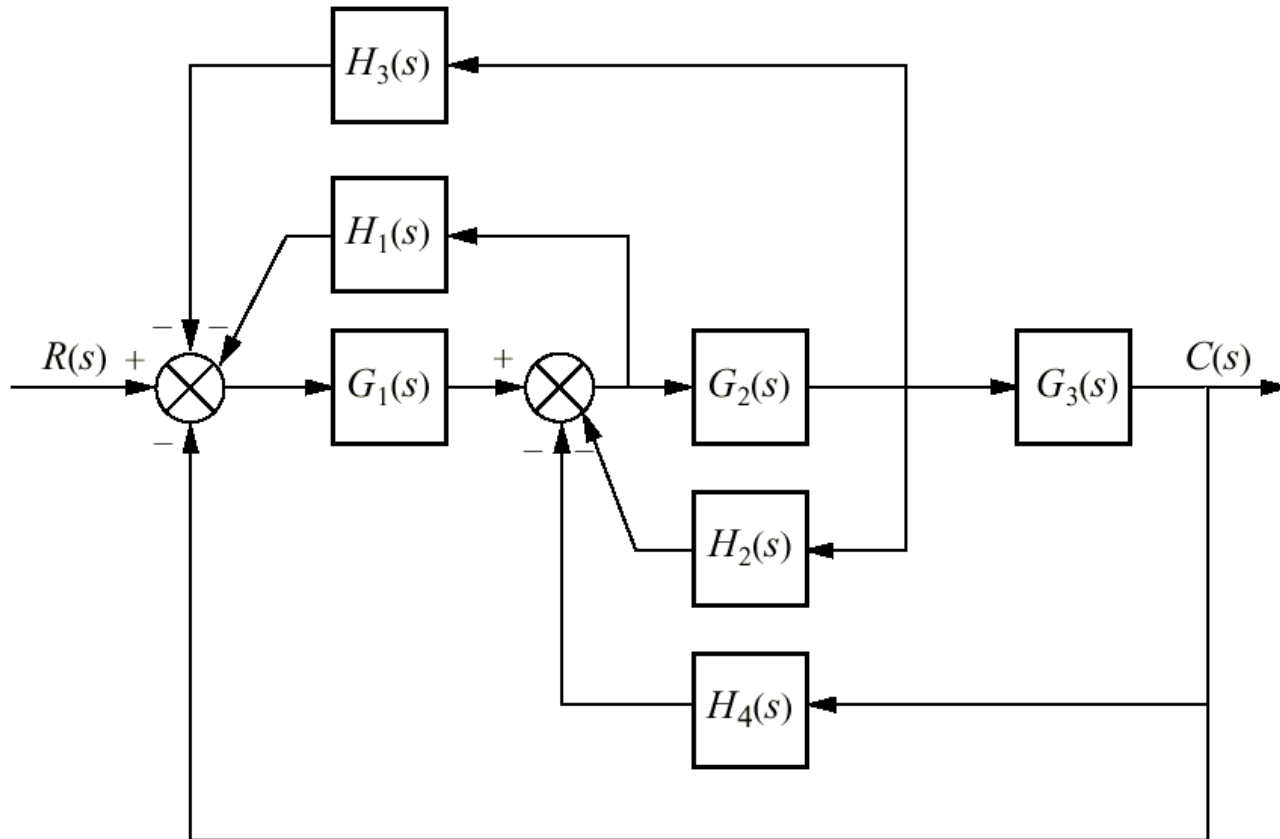


Figure P5.16

