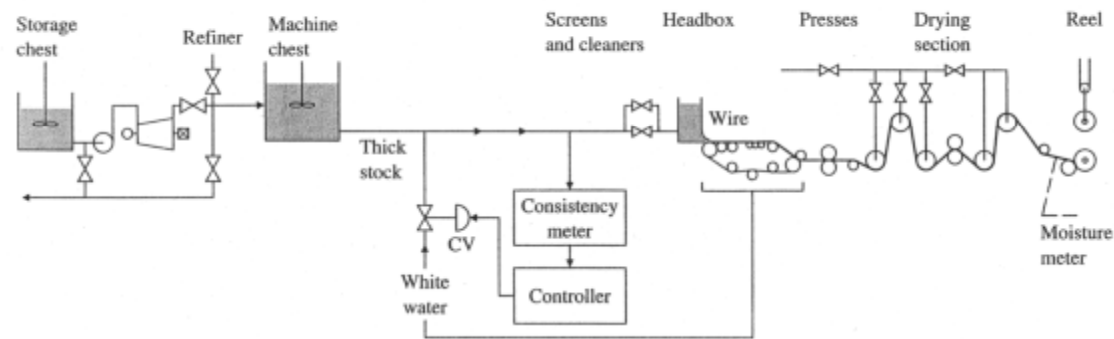
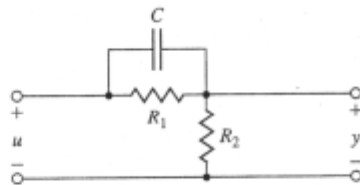


FIGURE 1.12

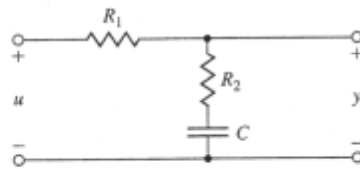
A papermaking machine. (From Åström, 1970, p. 192. Reprinted with permission)

**FIGURE 2.40**

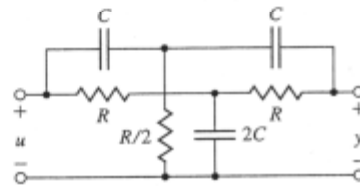
Lead (a), lag (b) and notch (c) circuits



(a)



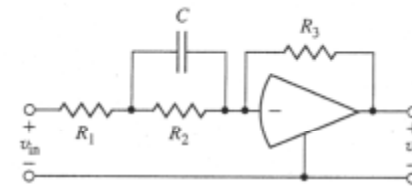
(b)



(c)

FIGURE 2.41

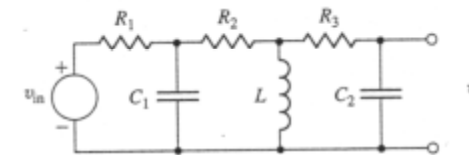
Op-amp circuits



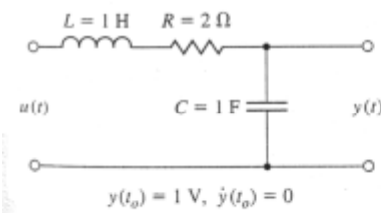
(a)

FIGURE 2.44

Circuit for Problem 2.14

**FIGURE 3.34**

Circuit for Problem 3.10

**FIGURE 3.35**

Plot of input for Problem 3.11

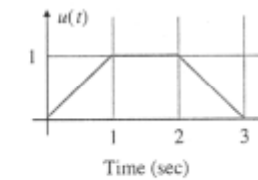


FIGURE 3.37
Block diagram for
Problem 3.20

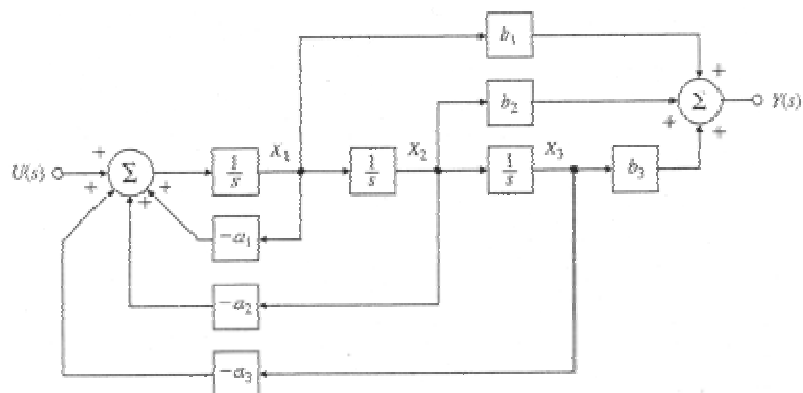


FIGURE 3.43
Unity feedback system
for Problem 3.27

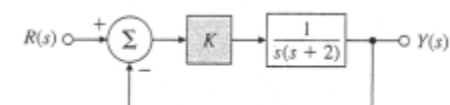


FIGURE 3.44
Unity feedback system
for Problem 3.28

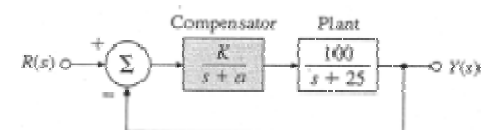


FIGURE 3.38
Block diagrams for
Problem 3.21

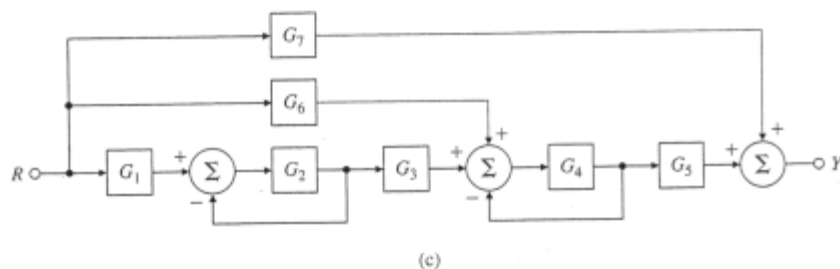
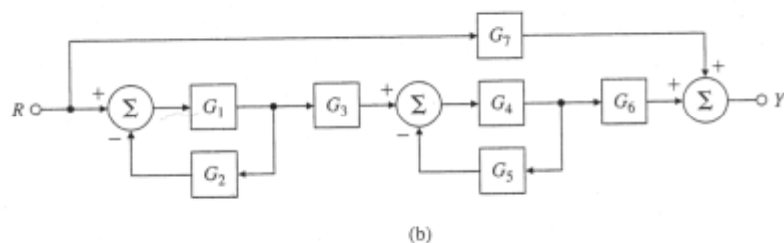
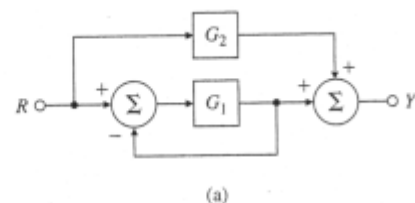


FIGURE 4.48
Unit impulse response
for paper-machine in
Problem 4.12

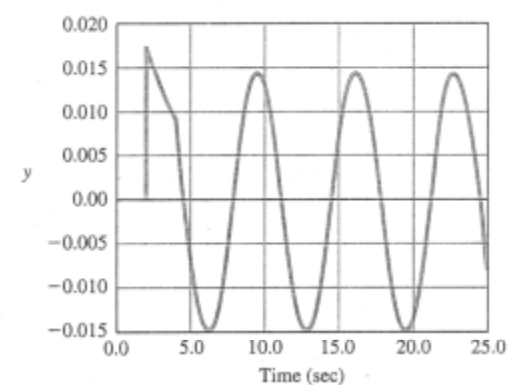


FIGURE 4.55
Control system for
Problem 4.26

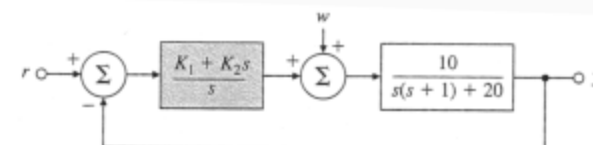


FIGURE 5.57
Pole-zero maps

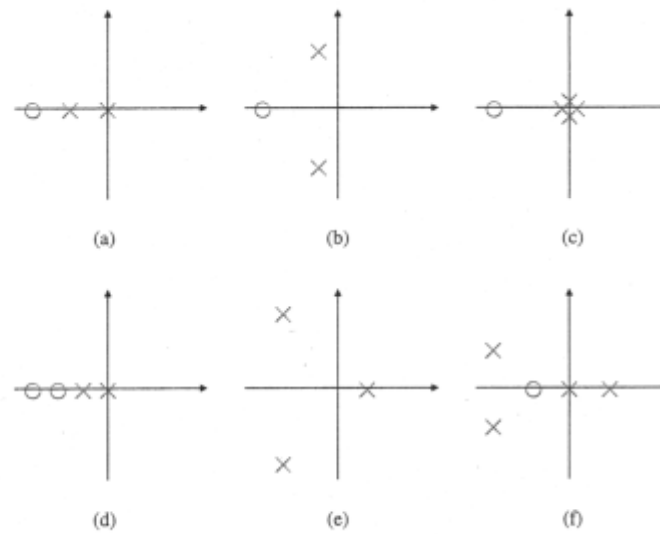


FIGURE 5.61
Unity feedback system for Problems 5.23 to 5.27 and 5.42



FIGURE 5.77
Control system for Problem 5.49

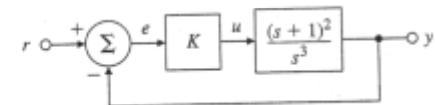


FIGURE 6.98
Nyquist plots for Problem 6.22

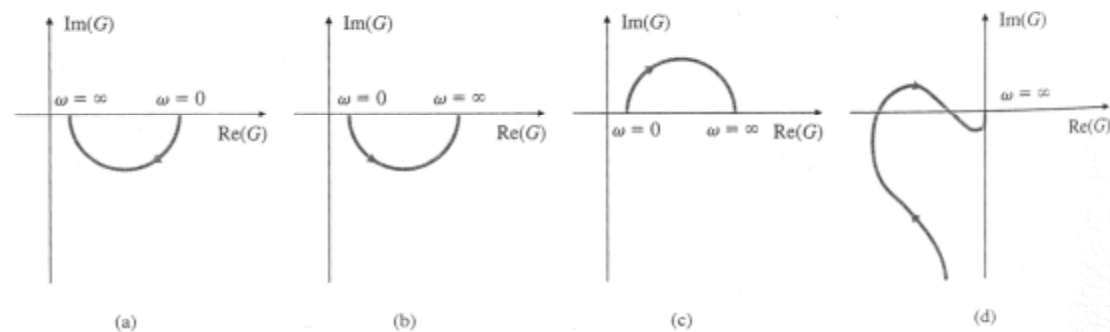


FIGURE 6.99
Plots for Problem 6.23

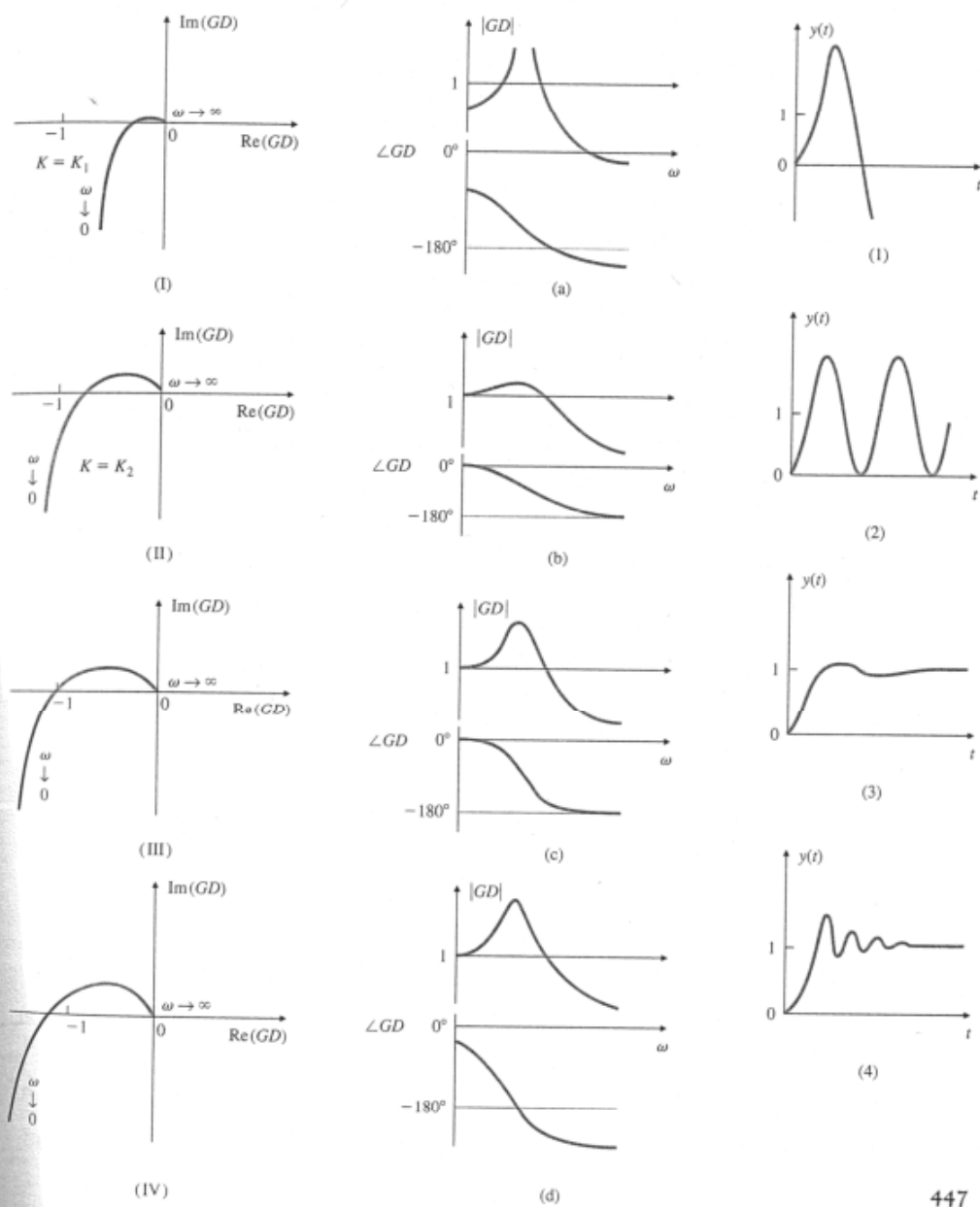


FIGURE 6.121
Bode plot for Problem 6.77

