FIGURE 1.1 Process to be controlled.

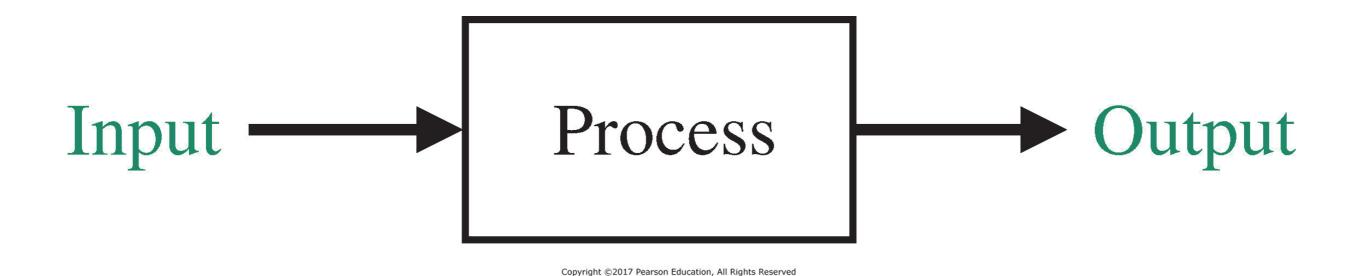
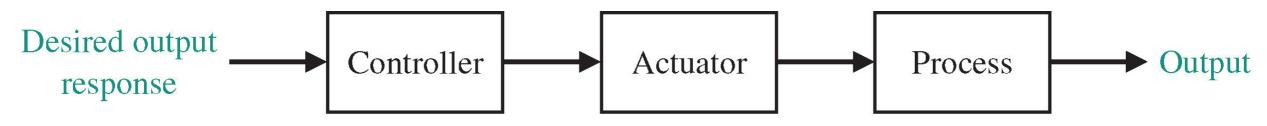


FIGURE 1.2 Open-loop control system (without feedback).



Copyright ©2017 Pearson Education, All Rights Reserved

FIGURE 1.3 Closed-loop feedback control system (without feedback).

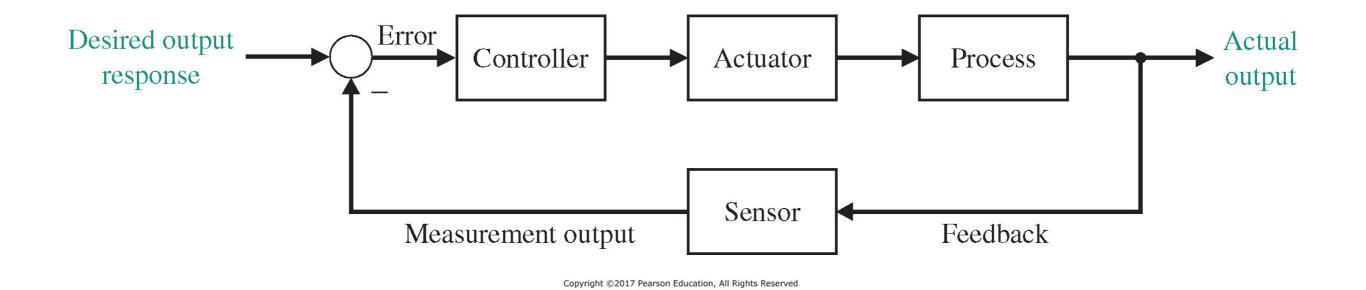


FIGURE 1.4 Closed-loop feedback system with external disturbances and measurement noise.

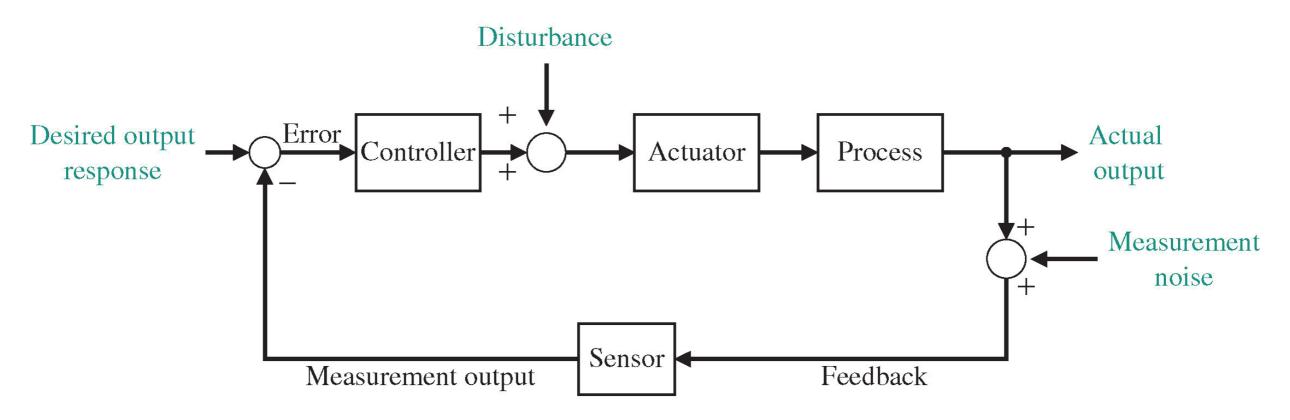


FIGURE 1.5 Multiloop feedback system with an inner loop and an outer loop.

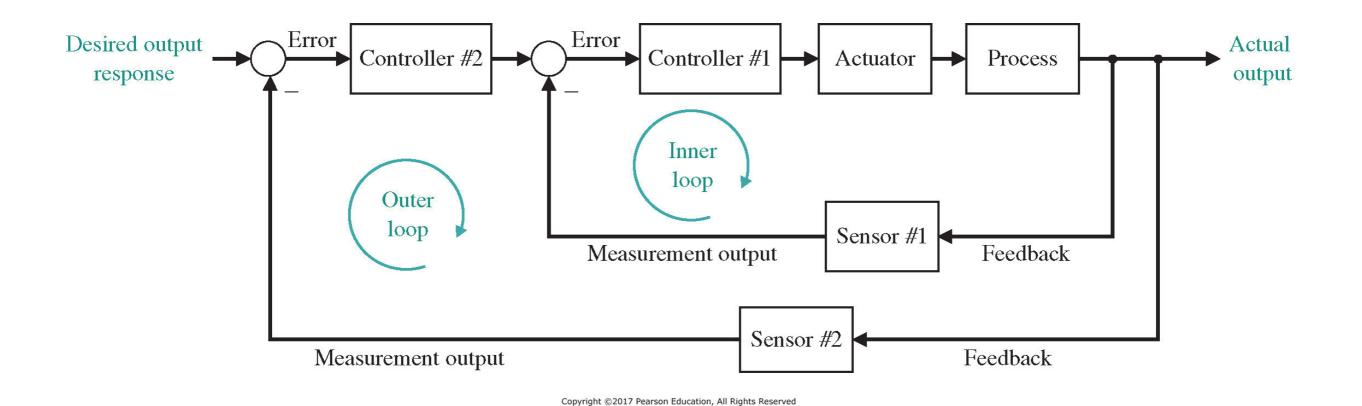


FIGURE 1.6 Multivariable control system.

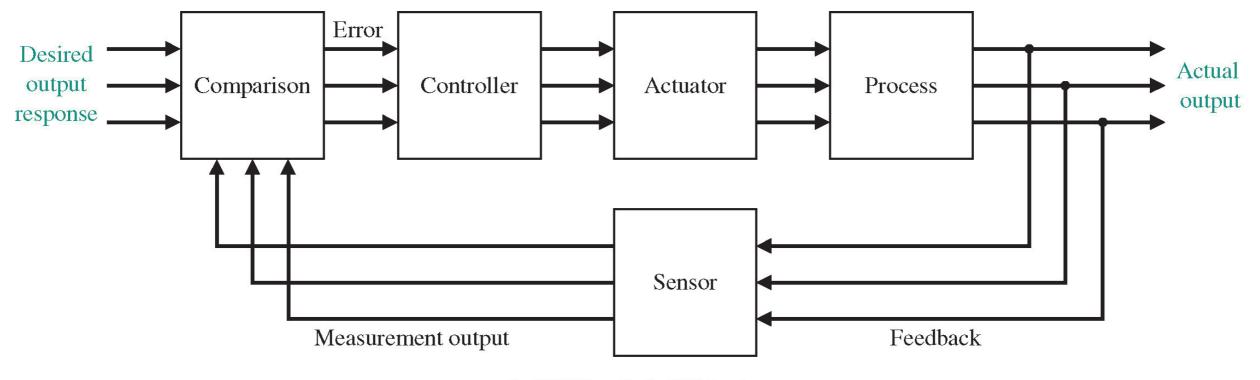


FIGURE 1.10 (a) Automobile steering control system. (b) The driver uses the difference between the actual and the desired direction of travel to generate a controlled adjustment of the steering wheel. (c) Typical direction-of-travel response.

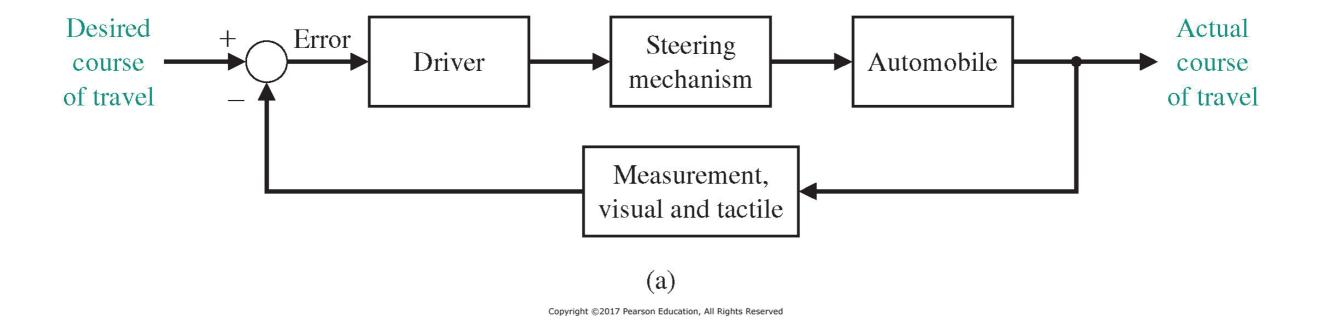


FIGURE 1.10 (continued) (a) Automobile steering control system. (b) The driver uses the difference between the actual and the desired direction of travel to generate a controlled adjustment of the steering wheel. (c) Typical direction-of-travel response.

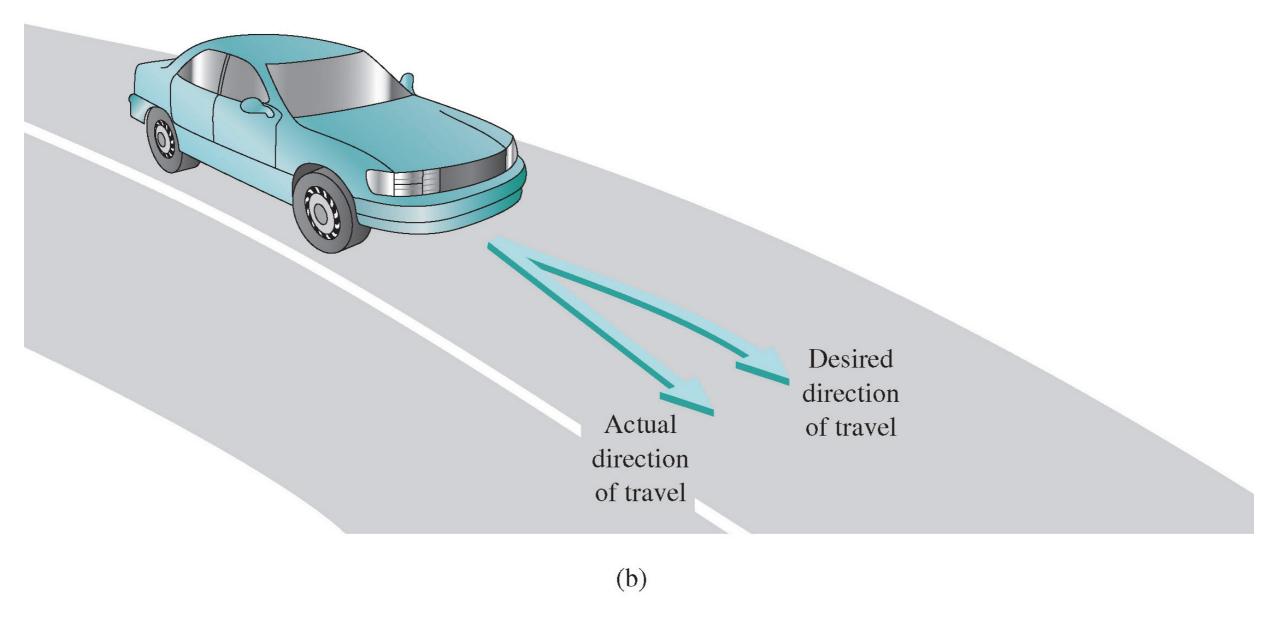


FIGURE 1.10 (continued) (a) Automobile steering control system. (b) The driver uses the difference between the actual and the desired direction of travel to generate a controlled adjustment of the steering wheel. (c) Typical direction-of-travel response.

