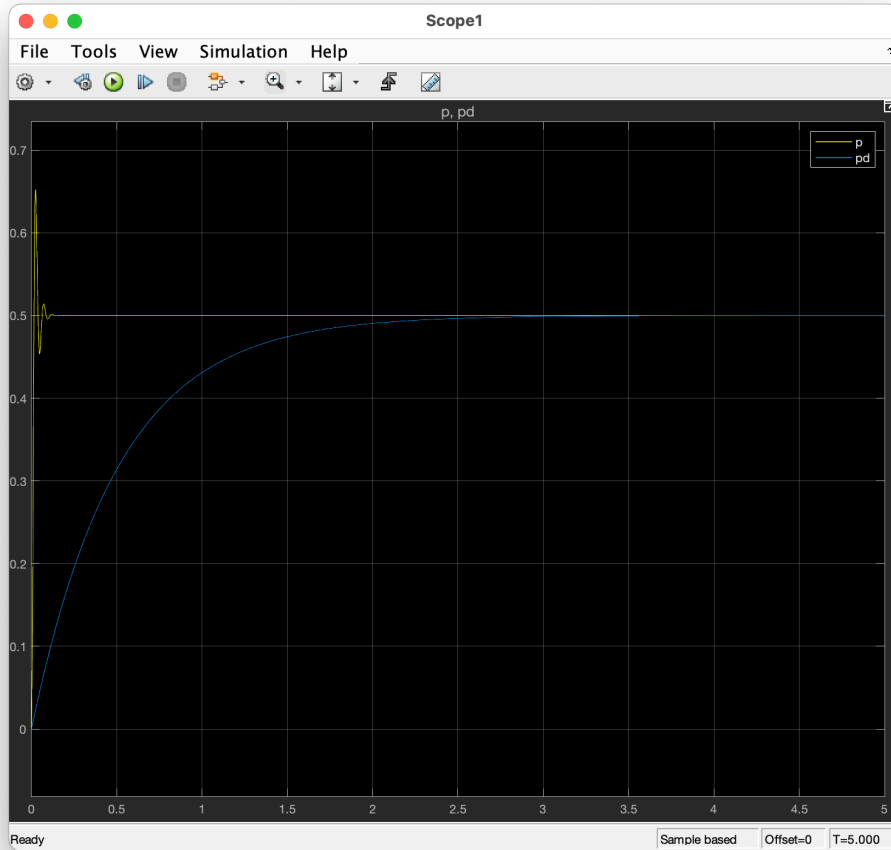
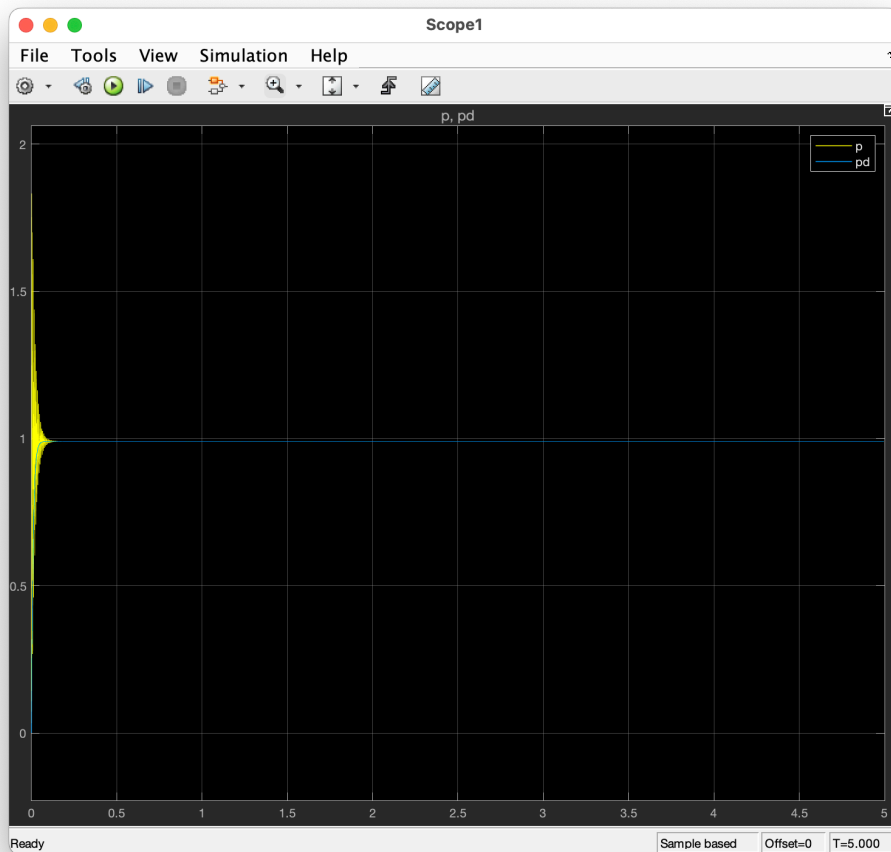


PD no disturbance (Lesson 16 Student Exercise 1)

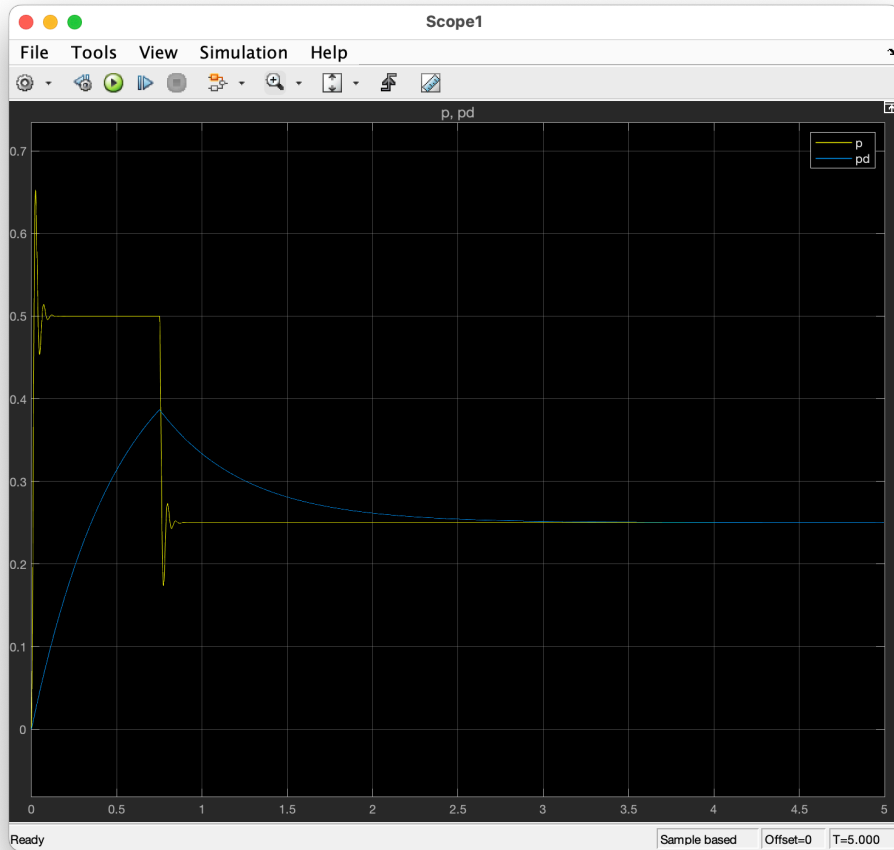


$$K_p = 1 \quad K_D = 1$$

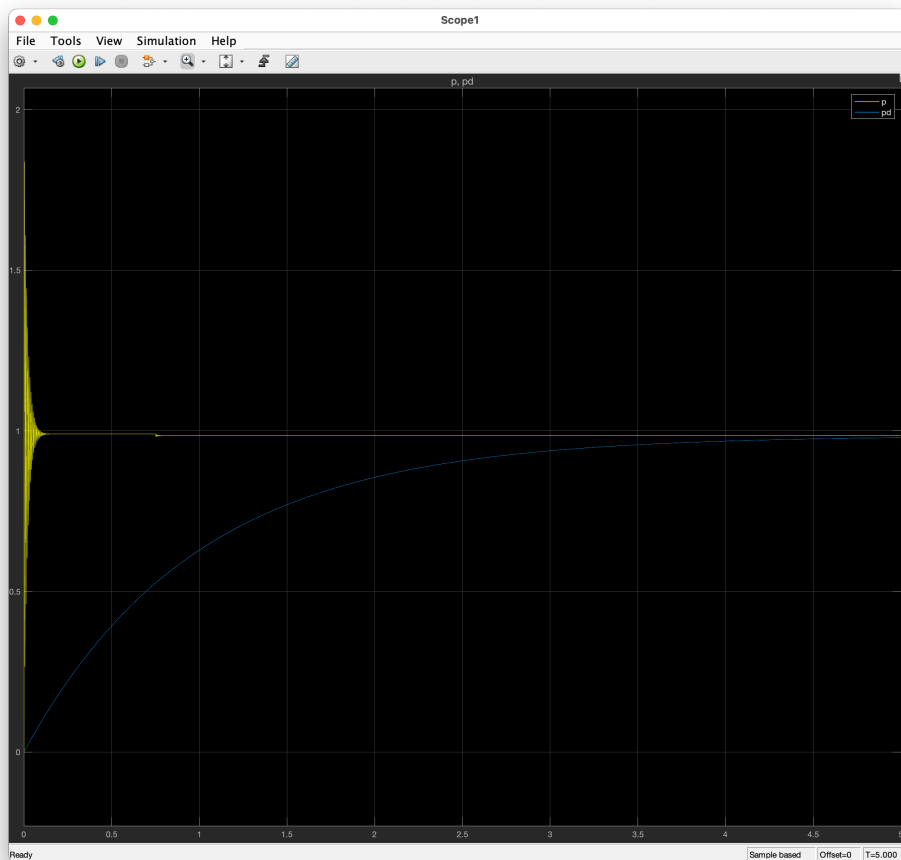


$$K_p = 100 \quad K_D = 1$$

PD w/ disturbance (Lesson 16 Student Exercise 2)

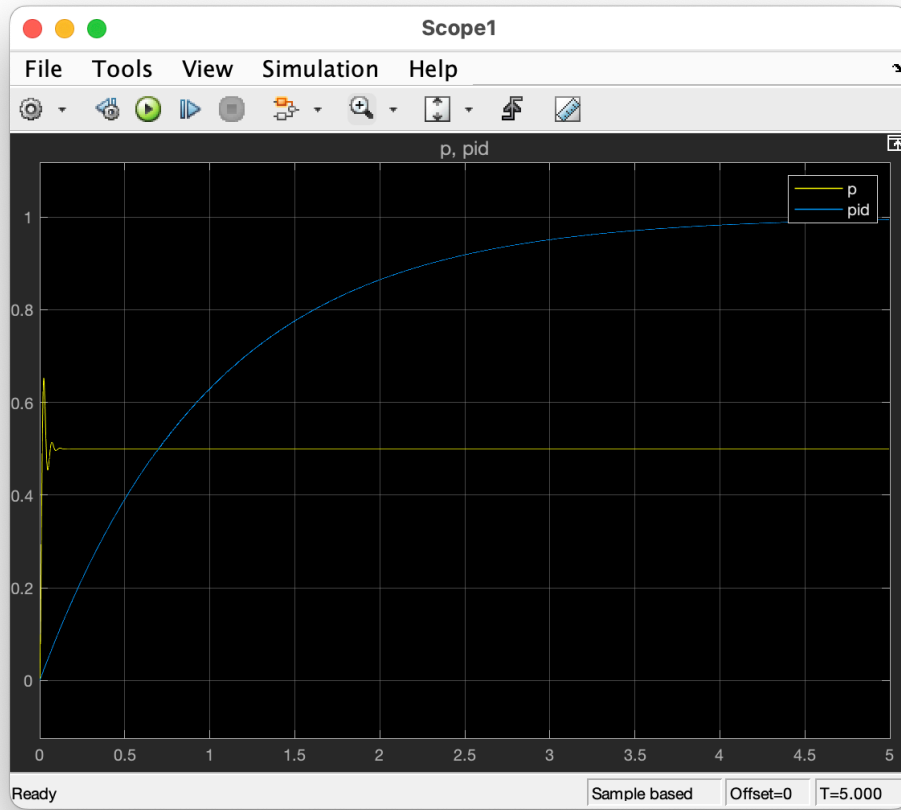


$$K_p = 1 \quad K_D = 1$$



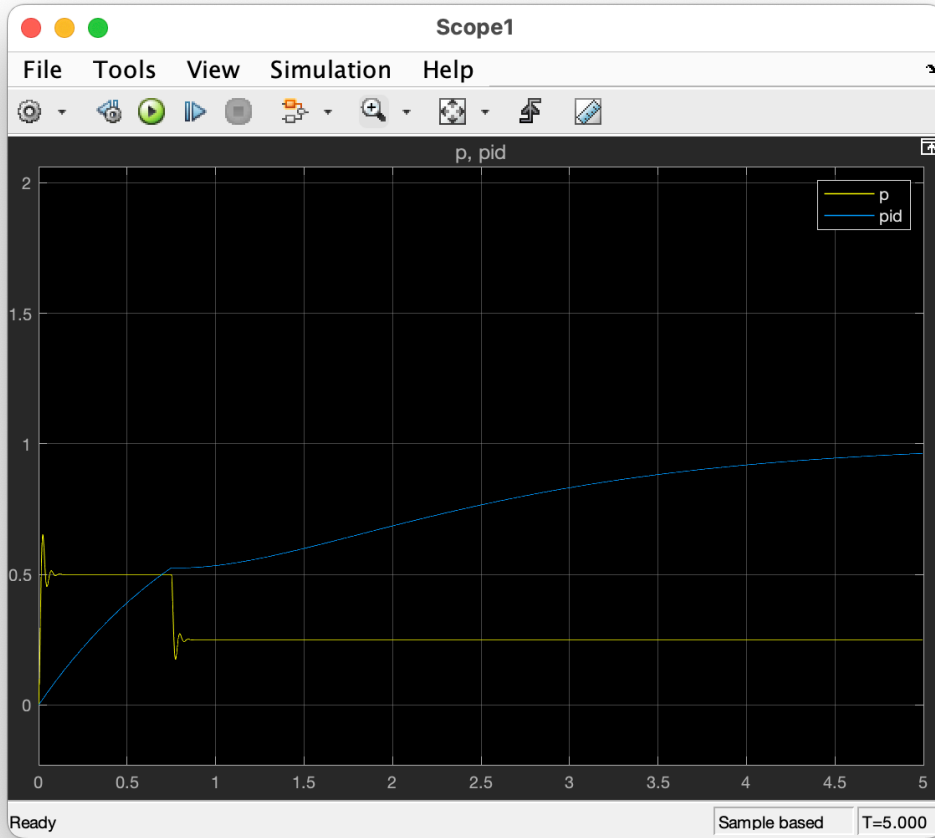
$$K_p = 100 \quad K_D = 100$$

PID no disturbance (Lesson 16 Student Exercise 3)

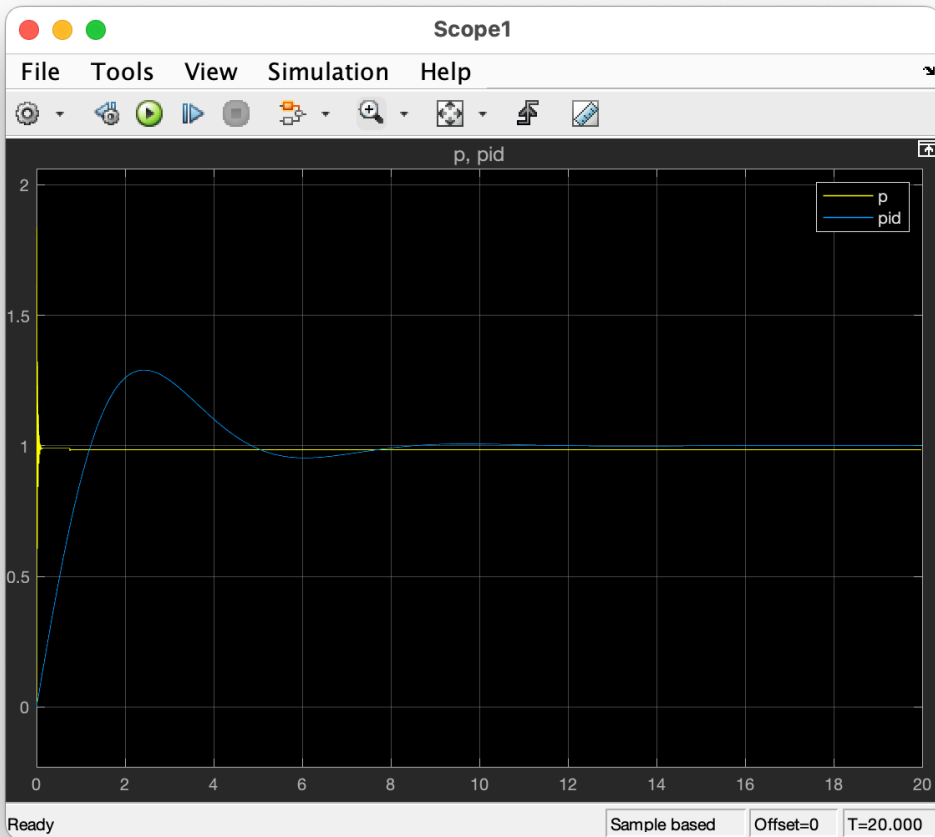


$$K_P = 1 \quad K_I = 1 \quad K_D = 1$$

PID disturbance (Lesson 16 Student Exercise 4)



$$K_p = 1 \quad K_I = 1 \quad K_D = 1$$



$$K_p = 100 \quad K_I = 100 \quad K_D = 100$$