$$\begin{array}{c} \text{Input} \\ (I = I_1 + I_2 + I_3) \end{array} \longrightarrow \begin{array}{c} \text{Plant } (G) \end{array} \longrightarrow \text{Output } (Y)$$

Figure 1: Open loop system

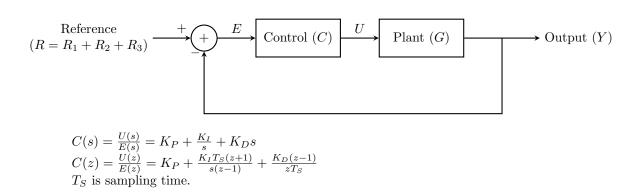


Figure 2: Closed loop system with a PID Controller

