

Figure 1: Identification of the DC motor parameters

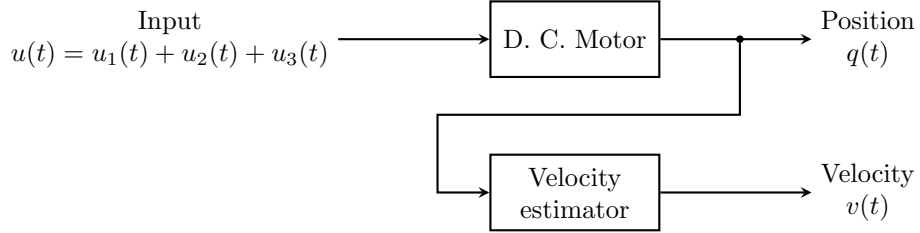


Figure 2: Open loop system

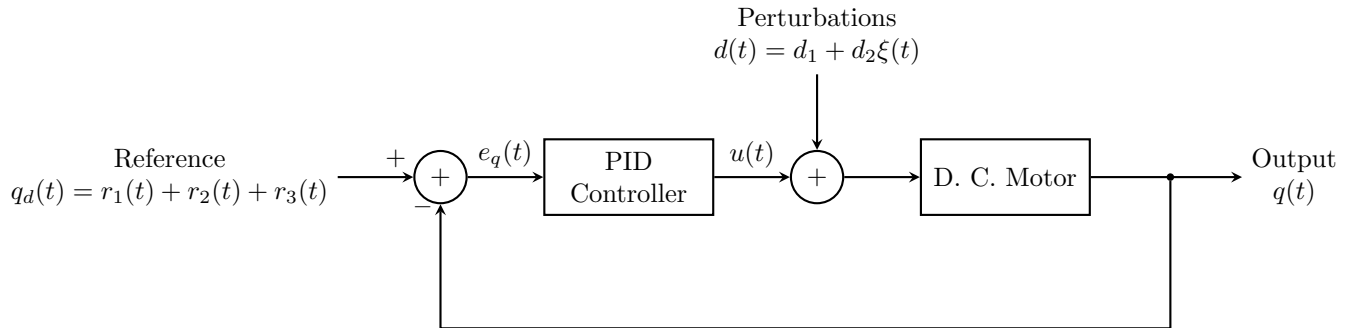


Figure 3: Closed loop system with a PID Controller

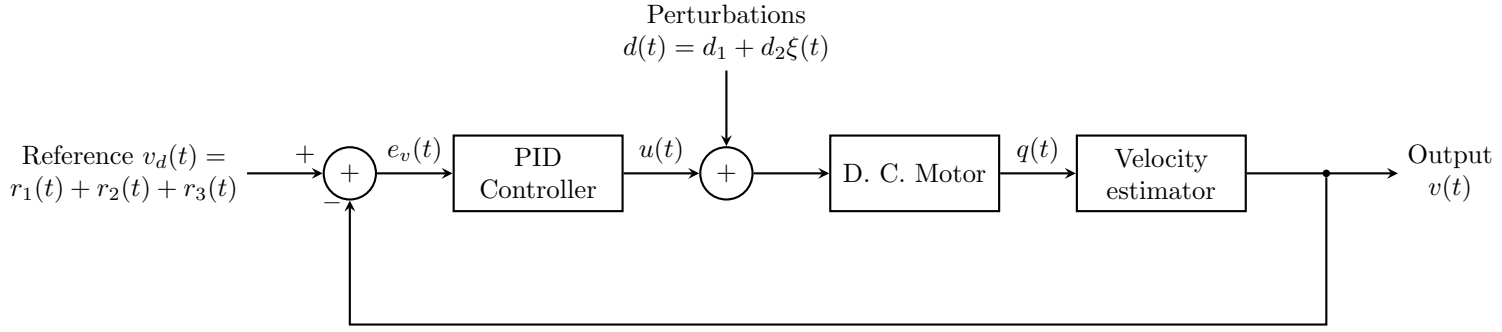


Figure 4: Closed loop system with a PID Controller

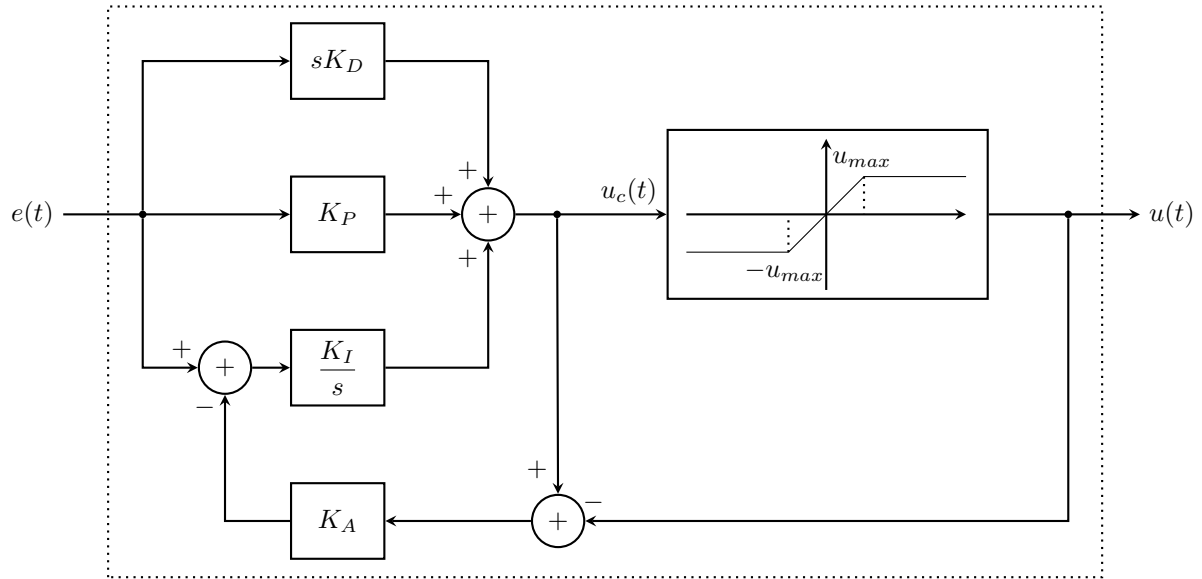


Figure 5: PID Controller with anti-windup

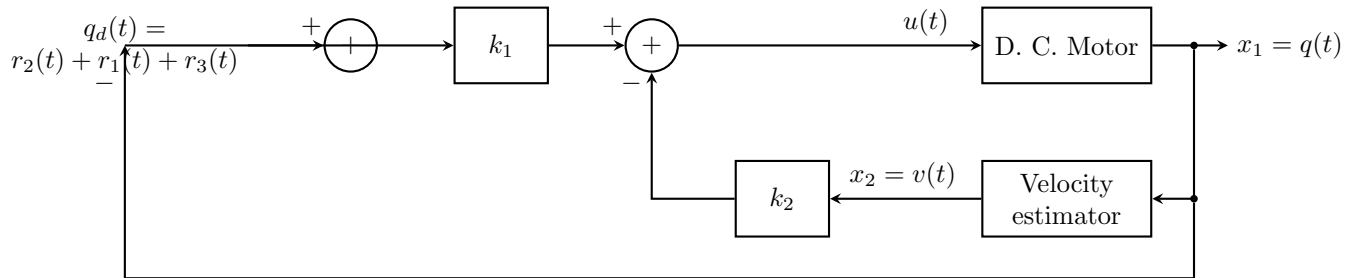


Figure 6: State feedback control