- Open-loop systems apply a process or algorithm to directly generate their output state from their inputs; they have no method of measuring the actual effect of their actions. Closed-loop control systems use their own output as a secondary input, and calculate a course of action depending on the error between the desired and current state. This process is called feedback.
- 2. Proportional, integral, and derivative
- 3. When the plant output nears the setpoint.
- 4. Yes