Pre-lab 7

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1. What is the basic difference between an open and closed-loop control system?

An open loop system has no means to measure feedback for its actions, however, it still has inputs that control a said system through equations, functions, etc. A closed loop system has feedback in one of its inputs, and thus in controlled by both input data, and feedback data .

2. What does the acronym "PID" stand for?

Proportional, integral, and derivative == PID.

3. When does proportional control lose effectiveness?

The proportional control looses effectiveness when it is near the set point or goal.

4. Did you watch the intro videos?

Yes I did however I still get confused on the transfer function, and how it relates to the system. I feel like I need more of a description of the process of setting up the transfer function.