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Step-by-step solution: There are three important process variables in a process control system. Feedback control system measures the controlled variable and compares the measured value with the desired value and then adjusts the manipulated variables for the control of the system accordingly.

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CHEE319: Process Dynamics and Control

Solved: 1. Consider the second order model: $4 \frac{d^2 y}{dt^2} + 2 \frac{dy}{dt} + y = 4u(t)$, with unit step. Using the solution for a second order lag subject to a step response from the

Answer: Process Dynamics and Control Questions

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