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We hope that you enjoy learning about Process Control! Part or Chapter: Section/Chapter Title: Pages :  
Title Page: Preface: Symbols and Acronyms: Part I: Introduction: 1-2: 1: Introduction to Process  
Control: 3-18: 2: Control Objectives and Benefits: 19-43: Part II: Process Dynamics: 45: 3:

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Mathematical Modelling Principles: 49: 4: Modelling ...

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CHEE319: Process Dynamics and Control

Solved: 1. Consider the second order model:  $4 \frac{d^2x}{dt^2} + 4 \frac{dx}{dt} + x = 4u(t)$ , with  $x(t)$  as a 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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