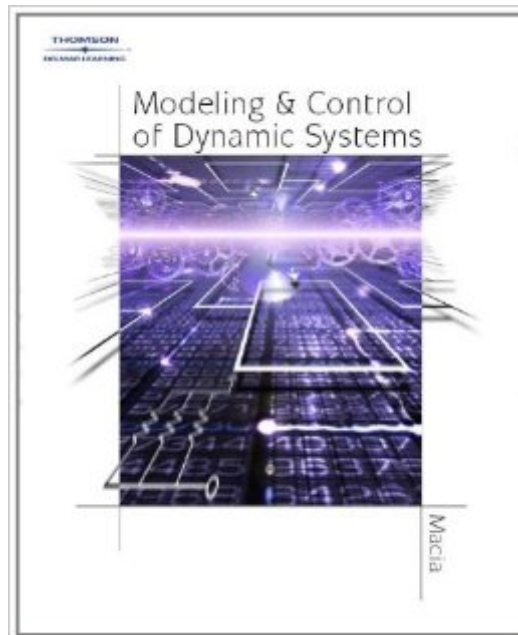# Modeling And Control Of Dynamic Systems

Synopsis

Modeling and Control of Dynamic Systems teaches the basic concepts of control systems analysis and design. The book first focuses on understanding the basic building blocks of the dynamic systems surrounding us - electrical, fluid, mechanical, and thermal - and presents both traditional and modern tools for analyzing and predicting their behavior. Feedback control is presented so readers understand how to develop controllers to affect system behavior. MATLAB/Simulink is a powerful and easy-to-use software used in the text to troubleshoot, analyze and design dynamic systems.

Book Information

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Customer Reviews

If you are interested in dynamic systems with applications in all branches of engineering, this is the book for you. This text begins with an introduction to control systems, presents a practical review of mathematical concepts applicable to dynamic systems, MATLAB examples and modeling with Simulink, and detailed analysis and design of continuous and digital control systems. Contains many practical examples with detailed explanations and solutions.

The book arrived within 3-4 days and it was packed very neatly and the book was in a very good condition. Though I purchased a used book it looks and smells :-) brand new too...Overall, I am very satisfied with the purchase...

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