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Introduction to Model Predictive Control for Discrete-time Dynamical Systems

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Optimize. Constrain. Control.

Model predictive control (MPC) has revolutionized modern engineering. This book offers a streamlined, accessible guide to MPC, specifically optimized for discrete-time systems.

We bridge the gap between complex mathematical theory and practical engineering reality. Through detailed explanations and real-world examples, you will learn to build robust algorithms that handle complex constraints with ease.

Key features:

- Clarity first: Designed for students and experts alike.
- Application-driven: Real-world problems, not just theoretical proofs.
- Discrete-time focus: Tailored for modern digital implementation.

Equip yourself with the expertise to tackle the most demanding control challenges in industry today.
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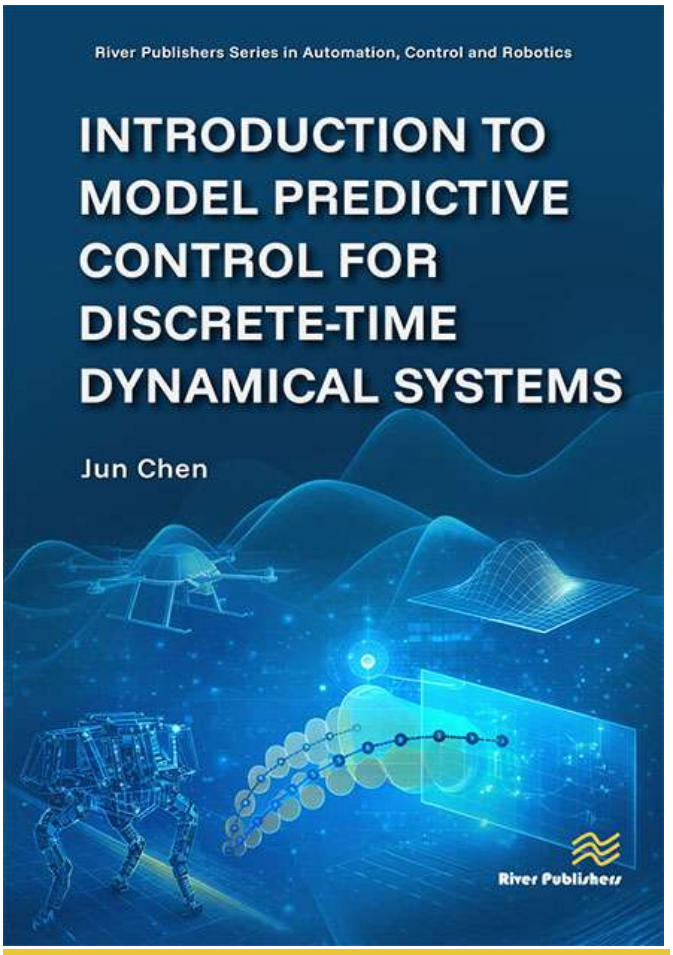

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