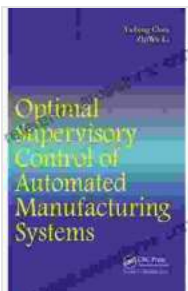
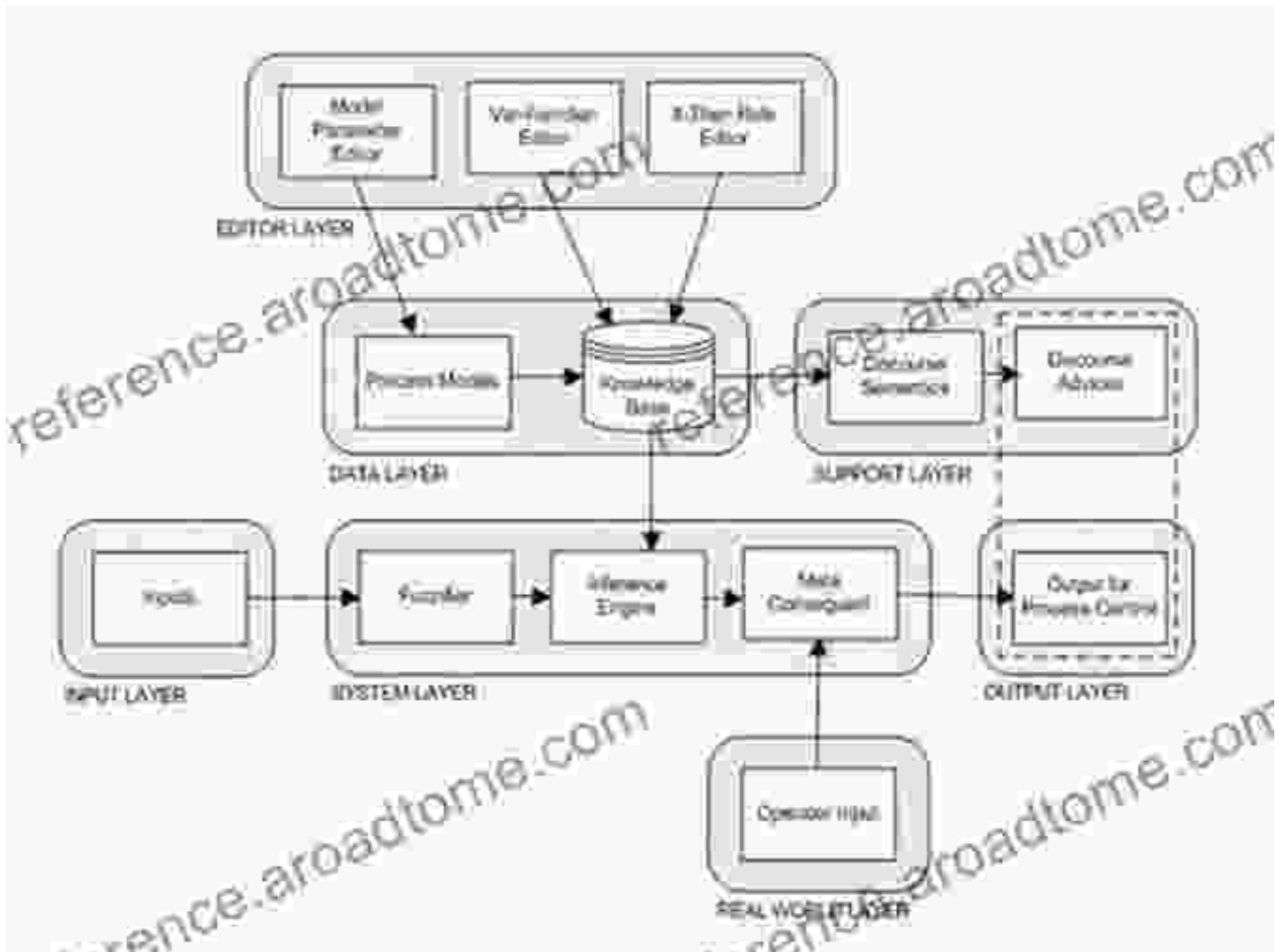


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In today's competitive manufacturing landscape, optimizing production processes is paramount. Optimal Supervisory Control of Automated Manufacturing Systems presents a comprehensive framework for achieving this goal. This book offers a deep dive into the latest techniques and strategies for maximizing efficiency, productivity, and quality in automated manufacturing environments.

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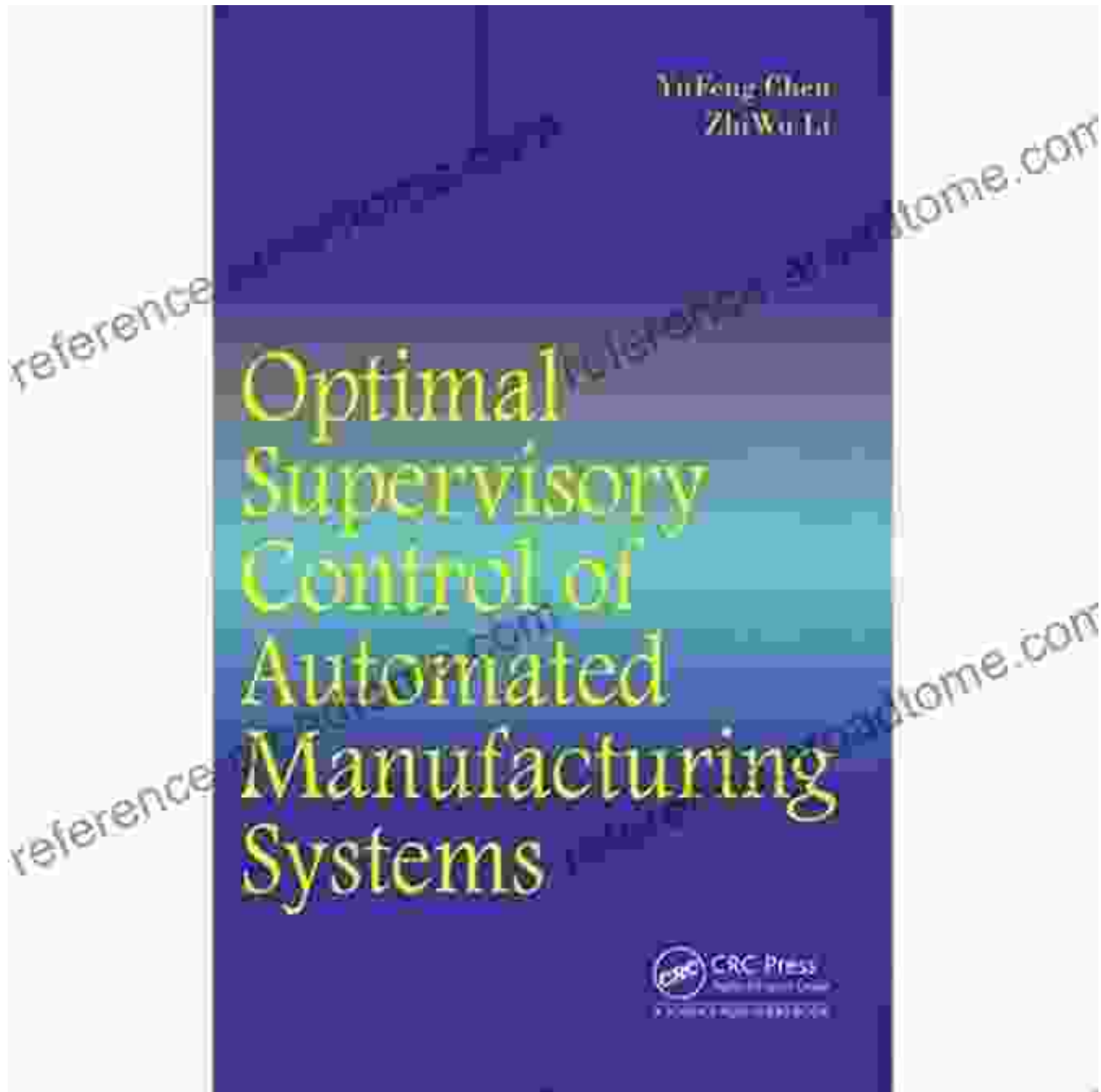
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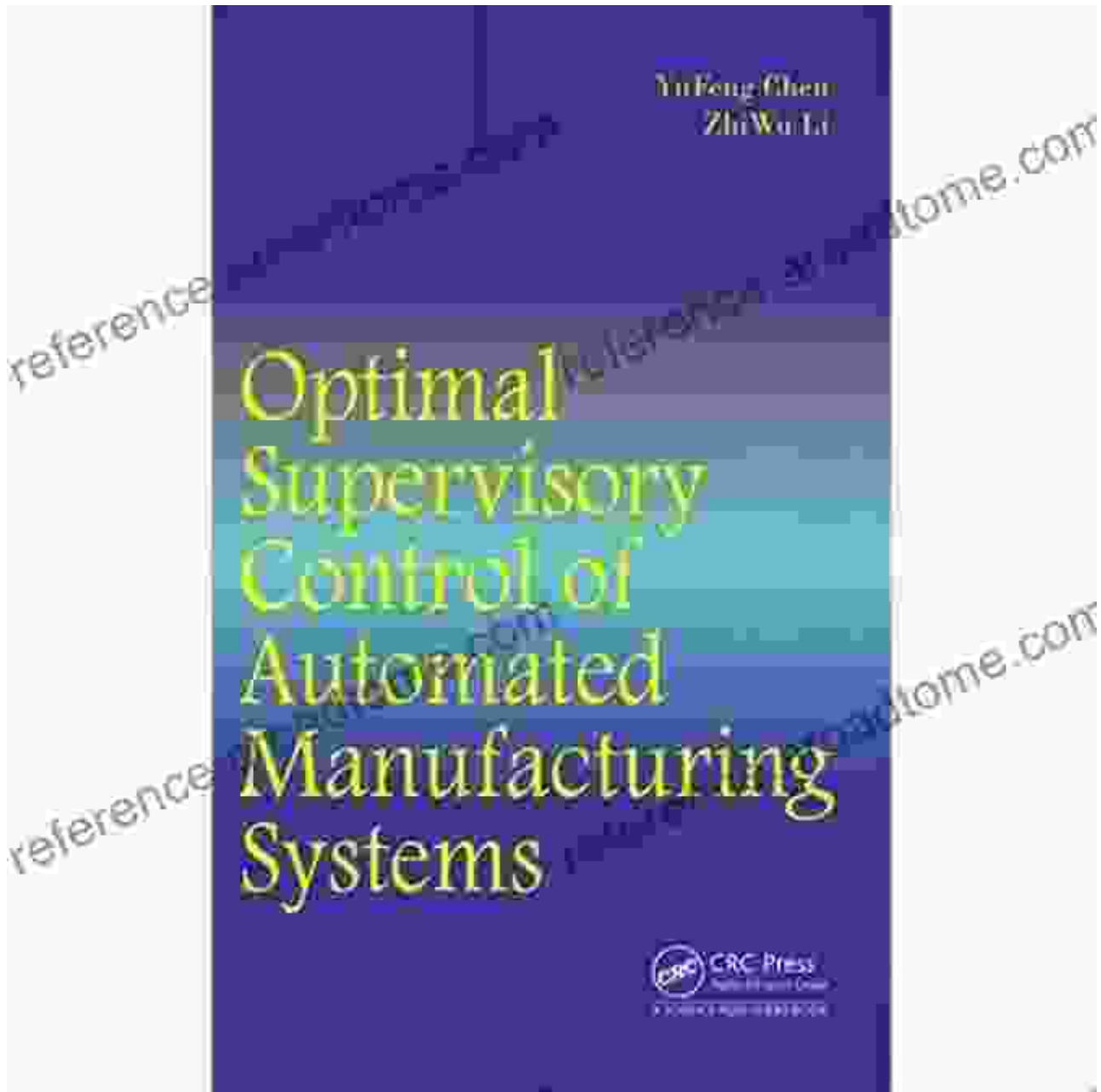
Comprehensive coverage of the Supervisory Control Theory (SCT) framework.

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In-depth exploration of various control strategies, including decentralized, hierarchical, and hybrid approaches.

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*



Practical examples and case studies demonstrating the application of SCT in real-world manufacturing settings.

Target Audience

* Manufacturing engineers and managers * Control systems engineers *
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knowledge in supervisory control

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1. to Supervisory Control Theory

2. Modeling Discrete Event Systems
3. Decentralized Supervisory Control
4. Hierarchical Supervisory Control
5. Hybrid Supervisory Control
6. Performance Evaluation and Optimization
7. Advanced Control Topics
8. Case Studies and Applications

About the Author

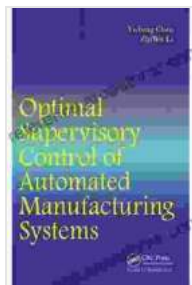
Dr. [Author's Name] is a renowned expert in the field of supervisory control. With over 20 years of experience in research and industry, Dr. [Author's Name] has made significant contributions to the development and application of SCT in automated manufacturing.

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* Gain a comprehensive understanding of the SCT framework and its application to automated manufacturing. * Master the techniques for modeling discrete event systems and analyzing their behavior. * Develop and implement optimal control strategies that maximize efficiency and productivity. * Evaluate and optimize the performance of automated manufacturing systems using well-defined metrics. * Learn from real-world case studies that showcase the successful application of SCT in various industries.

Optimal Supervisory Control of Automated Manufacturing Systems is an essential resource for anyone seeking to enhance the performance of their

automated manufacturing operations. With its comprehensive coverage, practical examples, and expert insights, this book empowers readers to achieve optimal control and maximize their manufacturing potential.



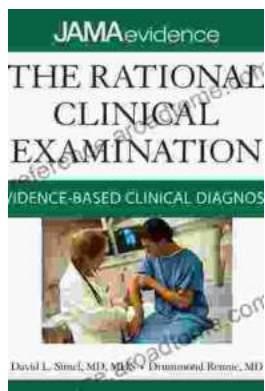
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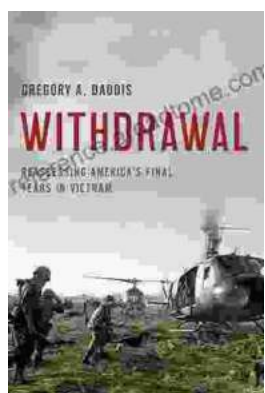
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