

Permanent Magnet Synchronous and Brushless DC Motor Drives: Mechanical and Electrical Design

Unlock the Power of Efficient and Reliable Motor Drives

In today's demanding industrial landscape, the need for efficient and reliable motor drives is paramount. Permanent magnet synchronous (PMSM) and brushless DC (BLDC) motors have emerged as the preferred choices due to their exceptional performance characteristics.



Permanent Magnet Synchronous and Brushless DC Motor Drives (Mechanical Engineering (Marcel Dekker))

★★★★☆ 4.8 out of 5

Language : English

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"Permanent Magnet Synchronous and Brushless DC Motor Drives: Mechanical and Electrical Design" is the ultimate resource for engineers and technicians seeking to delve into the intricacies of these advanced motor drives. This comprehensive guide provides an in-depth exploration of both the mechanical and electrical aspects of PMSM and BLDC drives, equipping you with the knowledge and skills to design, build, and operate these motors with confidence.

Key Features:

- **Comprehensive Coverage:** Explores the entire spectrum of PMSM and BLDC motor drives, from basic principles to advanced design considerations.
- **Mechanical Design:** Provides detailed insights into the mechanical design of motors, including rotor and stator topologies, materials, and manufacturing techniques.
- **Electrical Design:** Delves into the electrical design of motor drives, encompassing modulation strategies, power electronics, and control algorithms.
- **Practical Applications:** Showcases real-world applications of PMSM and BLDC drives in various industries, highlighting their advantages and limitations.
- **Case Studies:** Includes case studies of successful motor drive projects, providing practical examples and design insights.

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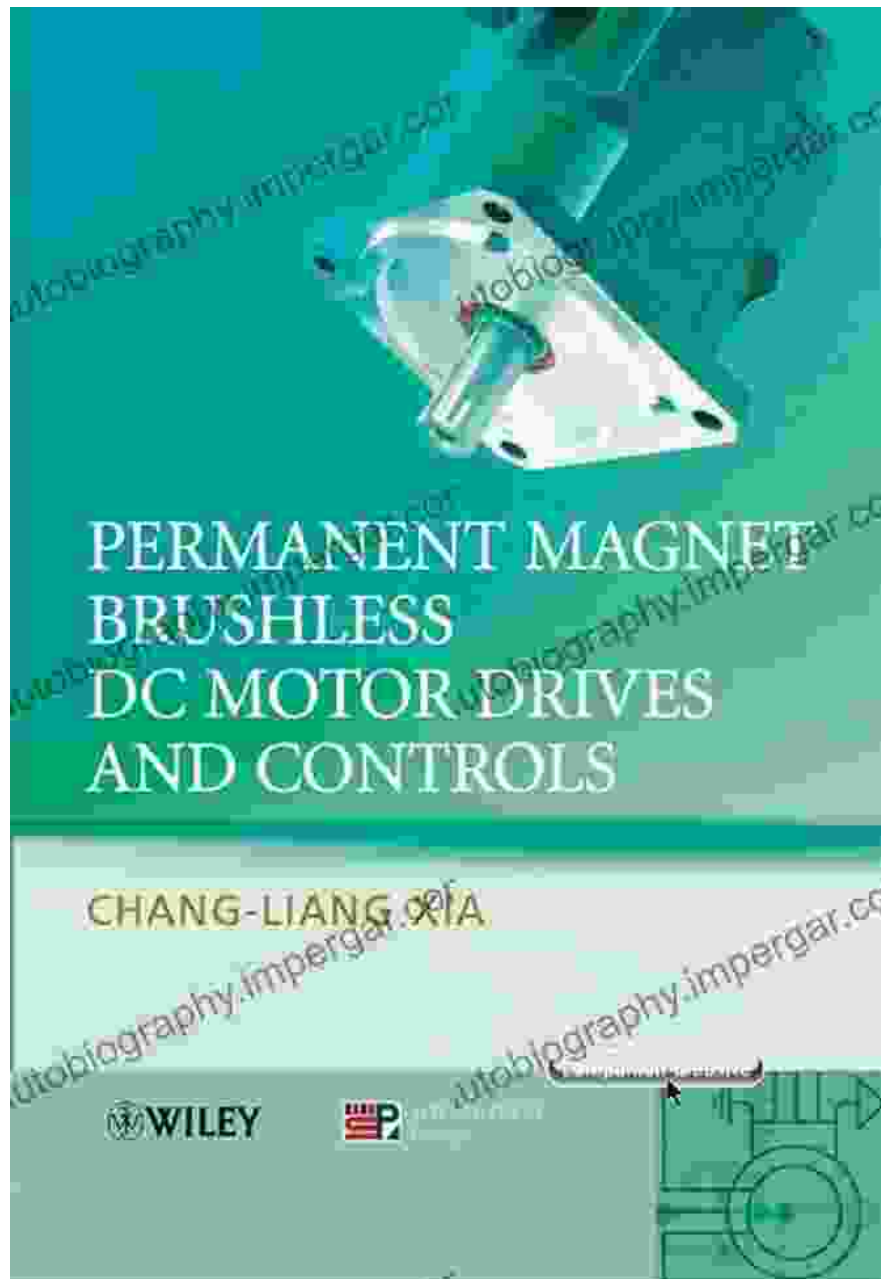
Who Should Read This Book?

"Permanent Magnet Synchronous and Brushless DC Motor Drives: Mechanical and Electrical Design" is an indispensable resource for:

- Electrical and Mechanical Engineers
- Power Electronics Engineers
- Control Engineers
- Researchers in Motor Drives
- Graduate Students in Electrical Engineering
- Practitioners in the Motor Industry

Free Download Your Copy Today!

Don't miss out on this opportunity to empower yourself with the knowledge and skills to design, build, and operate efficient and reliable PMSM and BLDC motor drives. Free Download your copy of "Permanent Magnet Synchronous and Brushless DC Motor Drives: Mechanical and Electrical Design" today and embark on a journey of motor drive mastery!



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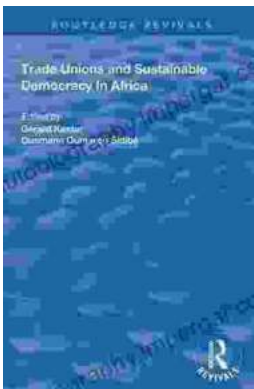
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