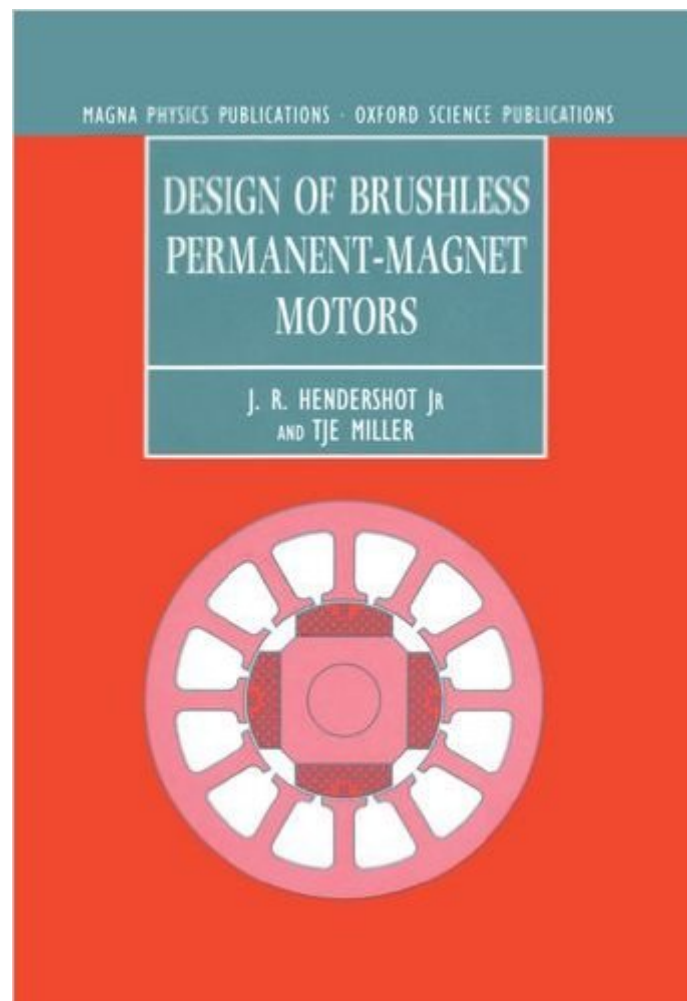


The book was found

Design Of Brushless Permanent-Magnet Motors (Monographs In Electrical And Electronic Engineering)



Synopsis

Brushless permanent-magnet motors provide simple, low maintenance, and easily controlled mechanical power. Written by two leading experts on the subject, this book offers the most comprehensive guide to the design and performance of brushless permanent-magnetic motors ever written. Topics range from electrical and magnetic design to materials and control. Throughout, the authors stress both practical and theoretical aspects of the subject, and relate the material to modern software-based techniques for design and analysis. As new magnetic materials and digital power control techniques continue to widen the scope of the applicability of such motors, the need for an authoritative overview of the subject becomes ever more urgent. Design of Brushless Permanent-Magnet Motors fits the bill and will be read by students and researchers in electric and electronic engineering.

Book Information

Series: Monographs in Electrical and Electronic Engineering (Book 37)

Hardcover: 584 pages

Publisher: Clarendon Press (June 15, 1995)

Language: English

ISBN-10: 0198593899

ISBN-13: 978-0198593898

Product Dimensions: 6.2 x 1.4 x 9.3 inches

Shipping Weight: 2.2 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 starsÂ Â See all reviewsÂ (3 customer reviews)

Best Sellers Rank: #1,671,980 in Books (See Top 100 in Books) #45 inÂ Books > Literature & Fiction > History & Criticism > Regional & Cultural > Australian & Oceanian #237 inÂ Books > Engineering & Transportation > Engineering > Energy Production & Extraction > Power Systems #290 inÂ Books > Engineering & Transportation > Engineering > Electrical & Electronics > Electric Machinery & Motors

Customer Reviews

I have read and thoroughly enjoyed this book. It helped us a lot in designing our smoovy micro motors. Technically first class and well written, recommended to anybody who needs a good understanding of motor design issues.

This book includes a great amount of detail for designers. Covers winding, materials, magnetics,

thermal considerations, etc. Has plenty of equations that are required for design. Both authors are well known and fellows of the IEEE. The book lacks details of motor construction, which I have not found anywhere yet. Also wish it came with a software tutorial or something. But the best book on motors I have found yet, and I've looked (and bought) a number of them.

I had a issue understanding armature reaction which is fundamental of any motor operating principle. This book explains armature reaction and theory behind the scene, I have now clear understanding and makes my motor design more simpler than never before. I recommend this book to everyone involves in BLDC designs.

[Download to continue reading...](#)

Design of Brushless Permanent-Magnet Motors (Monographs in Electrical and Electronic Engineering) Electric Motors in the Home Workshop: A Practical Guide to Methods of Utilizing Readily Available Electric Motors in Typical Small Workshop Applications (Workshop Practice Series) Waste Electrical and Electronic Equipment (WEEE) Handbook (Woodhead Publishing Series in Electronic and Optical Materials) Microwave Field-effect Transistors: Theory, Design and Applications (Electronic & Electrical Engineering Research Studies) Rare-Earth Iron Permanent Magnets (Monographs on the Physics and Chemistry of Materials) Troubleshooting Three-Phase Electrical Motors Communications and Coding (Electronic & Electrical Engineering Research Studies) How to Be a Money Magnet: Easy to Follow Feng Shui and Law of Attraction Tips and Advise to Attract Wealth Google Alerts Essentials: Master the Web, Manage Your Reputation and Become a Magnet for Relevant Conversations Flower Gardener's Journal & Magnet Gift Set: Record Garden Info, Keep Track of Plants, and Find Inspiration Vegetable Gardener's Journal & Magnet Gift Set: Record Garden Info, Keep Track of Plants, and Find Inspiration The Human Magnet Syndrome: Why We Love People Who Hurt Us Shit Magnet: One Man's Miraculous Ability to Absorb the World's Guilt Cell Biology of Tooth Enamel Formation: Functional Electron Microscopic Monographs (Monographs in Oral Science, Vol. 14) Control of Induction Motors (Engineering) The Science and Engineering of Microelectronic Fabrication (The Oxford Series in Electrical and Computer Engineering) Fabrication Engineering at the Micro- and Nanoscale (The Oxford Series in Electrical and Computer Engineering) Control Engineering, 2nd Edition (Tutorial Guides in Electronic Engineering) Telecommunication Systems Engineering (Dover Books on Electrical Engineering) Electrical Control of Fluid Power: Electric and Electronic Control of Hydraulic & Air Systems

[Dmca](#)