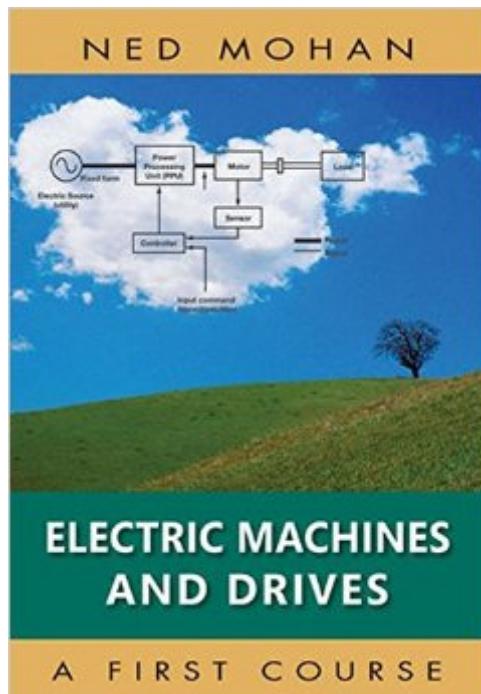


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Electric Machines And Drives



Synopsis

Mohan's Electric Machines and Drives is part of a three-book series designed for the power sequence electives on Electrical Engineering. The book focuses on power topics including advances in hybrid-electric cars and alternative energy systems, coupled with severe environmental problems associated with hydrocarbon-based fuels. The text builds off Mohan's successful MNPERE titles and adopts a systems approach.

Book Information

Hardcover: 288 pages

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Average Customer Review: 2.8 out of 5 starsÂ See all reviewsÂ (9 customer reviews)

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Customer Reviews

The book is horribly written in the content of trying to teach electric motors characteristics to engineering students who haven't had any experience prior to this course. The lab manual for this book isn't right in some sections either. You have to call the TA at U. of Minnesota to get the right information to run the labs correctly, or you'll spend hours correcting it yourself if you have the patience.

Ned Mohan's books are decent books. They are short and to the point. There isn't a lot of derivations in the books for equations. He just tells you what you need to know. Most of the homework problems are somewhat intuitive and simple. Sometimes there are questions that don't make any sense but that is like all college books.

This isn't a bad book. This book however does lack enough definition to allow students to build a

good intuition in solving electric drives problems. When I used this book for a class, I found myself looking for additional clarification online. also, this book does not contain a disk with the files that Mohan recommends you have to start the labs related to the chapters. A detailed chapter summary/review, an appendix list of key equations, and an included content disk would be great additions to the next revision of this book considering the cost you pay for it.

Hate this book. Very poorly written. Problems are confusing and often refer to different example. Don't understand why professors use this book as text book

So I did NOT buy the book - why bother?(I feel very luck that I didn't buy it after I borrowed it from my friend.)First of all, you need a strong background since the book is presenting things assuming you have already known the materials well. But if you know them, why do you read this book? Perhaps the only useful things are practice problems.Second, the context in the book includes two parts as expected: basic knowledge and practice problems. Just let you know, the basic knowledge is too basic to solve practice problems. There are not enough examples to show you the logic or insights, and yet the book expects you to solve problems with just equations it provides. I personally feel a gap between them.In conclusion, I do not recommend this book, even as "a first course". I would suggest the author to refine the context and the logic inside.

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