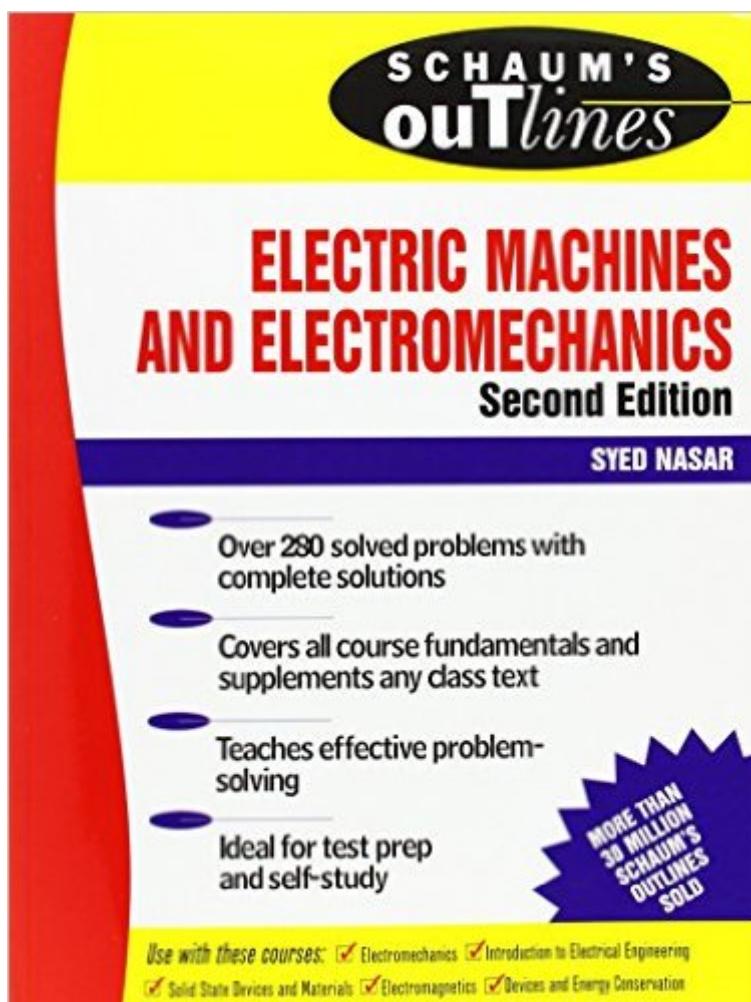


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# Schaum's Outline Of Electric Machines & Electromechanics



## Synopsis

More than 50,000 copies of this powerful study guide sold in the first edition! Covering a broad range of topics, from simple DC magnetic circuits to electronic control of DC and AC motors, all the concepts and their applications are clearly explained and illustrated. Includes hundreds of problems with detailed solutions to help students learn quickly and raise test scores without investing unnecessary time. Ideal for undergraduate students of electrical engineering, for solo study, and as a refresher.

## Book Information

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Average Customer Review: 4.3 out of 5 starsÂ  See all reviewsÂ  (11 customer reviews)

Best Sellers Rank: #542,287 in Books (See Top 100 in Books) #73 inÂ  Books > Engineering & Transportation > Engineering > Electrical & Electronics > Electric Machinery & Motors #239 inÂ  Books > Engineering & Transportation > Engineering > Mechanical > Machinery #349 inÂ  Books > Science & Math > Physics > Electromagnetism

## Customer Reviews

This book doubles as a cheap textbook on the subject it covers - electric machines and electromechanics. If I remember correctly, this was not one of the more difficult upper undergraduate Electrical Engineering courses, but that was because I had a very good instructor. The textbook itself was somewhat useless...and expensive. This text has plenty of well done narrative explaining all of the concepts. With this particular subject, good figures are important too, and they are plentiful in this Schaum's outline. Equations are all explained and presented well, with lots of example problems as well as solved exercises. I particularly liked the last chapter in the book on the electronic control of electric machines. It does a good job of merging what is really two subject matters and explains concepts well. It shows Electrical Engineering students that all of these courses don't exist in a vacuum. You are going to need to learn how to merge electromechanics,

electronics, and digital systems into unified designs, and this book gets you started down that road. One reviewer said that he/she thought the outline was dated. I haven't found that to be true at all, at least for the situations where I've required some brushing up. The student should already have an understanding of electric and electronic circuits, basic electromagnetics, and calculus. Highly recommended.

I found that this book is a very useful source for solving problems related to electrical machines. It provides clear and easy to follow instructions that are well laid out and easy to follow. It offers a varying level of problems ranging from the fundamentals through to the more complex machine problems. This is a useful aid or reference for anyone looking for a book to help them in their studies and wants to have more practice at solving problems relating to this subject.

I find this to be condensed as expected for an outline. I don't think it's as good as a full text but that wasn't the point of getting it. I think it's an ok reference to have for the price. I got it as a reference for the P.E. exam. I'll post an update if I actually use this...

I bought the book to follow my electromechanics class, and until now it has been in sync with the class. Like other schaum's books it goes straight to what matters, time isn't wasted on theoretical deductions.

Most of the purchased items were good for use, so I recommend each of them accordingly here.

this is a good book for the price and the content I recommended it to a friend

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