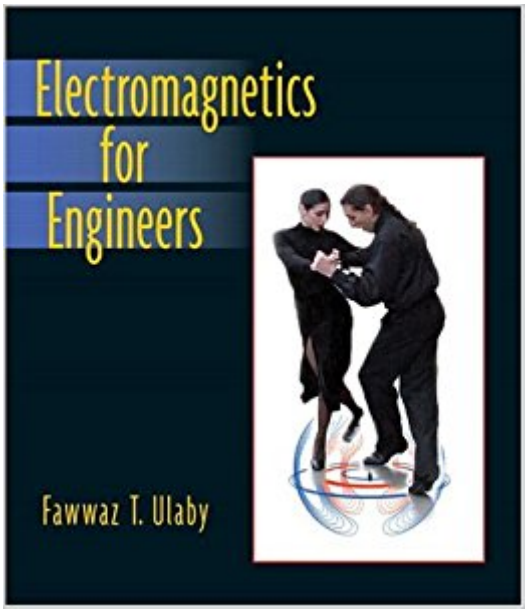
Electromagnetics For Engineers



Synopsis

For courses in Electromagnetics offered in Electrical Engineering departments and Applied Physics. Designed specifically for a one-semester EM course covering both statics and dynamics, the book uses a number of tools to facilitate understanding of EM concepts and to demonstrate their relevance to modern technology. "Technology Briefs" provide overviews of both fundamental and sophisticated technologies, including the basic operation of an electromagnet in magnetic recording, the invention of the laser, and how EM laws underlie the operation of many types of sensors, bar code readers,GPS,communication satellites, and X-Ray tomography, among others.

Book Information

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Customer Reviews

This is essentially a truncated course book, taking some material from another book and leaving some out.The book is bound poorly, the pages fell out of both copies i had during relatively fastidious care over a normal semester. The print is bad, it looks like it was scanned from another book and then reprinted in many areas. never ships the cd/dvd that is supposed to come with the book, even after directly requesting said item.

I used this book for my into to EM course as an undergrad. now 3 years later I am diving into antenna and radar courses which require a basic understanding of maxwell equations and the common math tools applied (vector calc, with derivations that shift between the maxwell in phasor notation and time domain). This book provides all the fundumental background necessary for

engineers to apply EM theory in practice.If you are a therotical physicist then this book may seem too light, especially on the material physics side. It is a perfect intro/reference for the engineering type though.

This is a reasonable book. I would have given only 3 stars if not because of chapter 7 and on!!. The first 6 chapters are just to simplified to the point you miss a lot of useful informations and how the formulas are derived. I pretty much study the book by David K. Cheng which I gave it a 5 stars. It is Chapter 7 that impress me. The book explain the homogenous wave equation in very detail and clear. This chapter is even better than Cheng's book. Not quite complete because it does not have any of the inhomogeneous wave equation.All in all, still better than some other books.

It was a surprise to have this book shipped from Thailand but it came quickly. It was a pleasant surprise to have it be a hardback instead of the paperback shown on .

Book has all the same information but every page looks like a photocopy and the print is dim. Would rather have the colored pictures and maybe a hardcover version of this book.

cool, and helpful charts, but not well written text.

Good quality used book.

This did not come with the CD!!!!

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