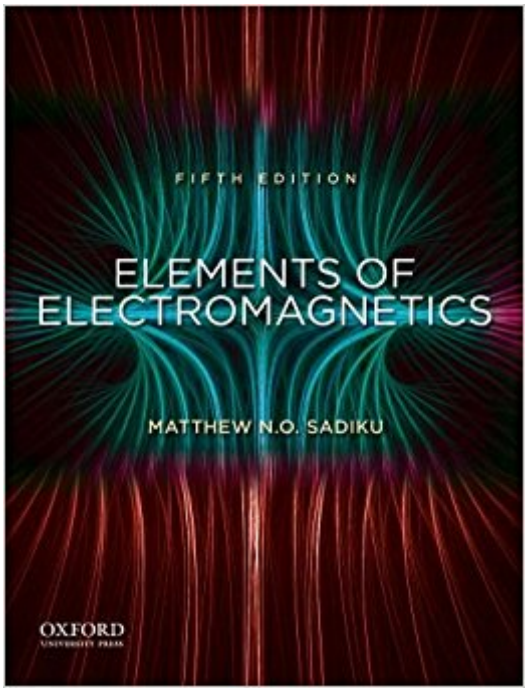
Elements Of Electromagnetics (OXF SER ELEC)



Synopsis

Elements of Electromagnetics, Fifth Edition, uses a vectors-first approach to explain electrostatics, magnetostatics, fields, waves, and applications like transmission lines, waveguides, and antennas. The book also provides a balanced presentation of time-varying and static fields, preparing students for employment in today's industrial and manufacturing sectors. Streamlined to facilitate student understanding, this edition features worked examples in every chapter that explain how to use the theory presented in the text to solve different kinds of problems. Numerical methods, including MATLAB and vector analysis, are also included to help students analyze situations that they are likely to encounter in industry practice. Elements of Electromagnetics, Fifth Edition, is designed for introductory undergraduate courses in electromagnetics.

Book Information

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Customer Reviews

"In switching to Sadiku's book, the improvement on understanding how vectors work is substantial, approximately a 30-35% increase in scores. If you're forced into a one-semester 3-hour course, you're not going to get a better book than this."--Dennis McCaughey, George Mason University "The new textbook is an excellent book. It provides clear presentations to the mathematical formulas, physics insight, and practical applications."--Fan Yang, The University of Mississippi "It has a more refreshing approach to connecting theory to practical examples."--Kasra Daneshvar, University of North Carolina, Charlotte "Sadiku's book seems more 'reader friendly' in terms of the layouts and

printing qualities. . . . This book is doing a very good job on problems/solutions. The problems are stated clearly and there are some new questions available."--Yan Zhang, University of Oklahoma"The scope as well as the number of HW problems is good. It shows balance bet --This text refers to the Paperback edition.

Matthew N.O. Sadiku is Professor in the Department of Electrical Engineering at Prarie View A&M University.

Liked the explanations in this book

This book came in excellent condition. It was the exact edition stated in the advertisement. Personally, I find the physical book much more helpful than the PDF. (easier to read and flip between pages). If you use this textbook for class, you should consider buying it (it is worth the money).

Better quality than I expected for a used item. Basically new. Definitely worth the money.

Love it

A++++

:)

My copy of this book has a chapter from an economics textbook on 'present worth techniques' replacing a chapter on electric fields in materials that I need to read for class. This book is presently worthless to me. Too bad the return policy expired the day before we got to those pages in class.

For my first class into Electromagnetics I was assuming it was going to be hard, and dont get me wrong it is, but this book breaks it down to where you can grasp a better understanding of the concepts and procedures to get a better understanding of the material.

Medical Handbooks) Elements of Electromagnetics (The Oxford Series in Electrical and Computer Engineering) Fundamentals of Electromagnetics with Engineering Applications Schaum's Outline of Electromagnetics, 4th Edition (Schaum's Outlines) Fundamentals of Applied Electromagnetics (7th Edition) Engineering Electromagnetics Special Topics in Electromagnetics Fundamentals of Applied Electromagnetics Engineering Electromagnetics (Irwin Electronics & Computer Enginering) Fundamentals of Applied Electromagnetics (6th Edition) Advanced Engineering Electromagnetics Schaum's Outline of Electromagnetics, Third Edition (Schaum's Outline Series) Electromagnetics for Engineers Fundamentals of Applied Electromagnetics 6th (sixth) edition Text Only Electromagnetics for Engineers (The Oxford Series in Electrical and Computer Engineering) Advanced Engineering Electromagnetics, 2nd Edition A Modern Short Course in Engineering Electromagnetics (Oxford Engineering Science Series) Test and Evaluation of Avionics and Weapon Systems (Electromagnetics and Radar)