



Introduction to Electromagnetism (Paperback)

By M. Sibley

ELSEVIER SCIENCE & TECHNOLOGY, United Kingdom, 1996. Paperback. Condition: New. Language: English. Brand new Book. Electromagnetics is one of the fundamental disciplines of electronic engineering. The author explains the development of field theory in relation to common electrical circuits and components, as opposed to just circuit theory, thus giving the reader a broader perspective of electrical circuits. Essentially in two parts, this book will help students to gain an appreciation of the physical effects of electrical and magnetic fields. The first part covers the basic theory of electrostatics, electromagnetism and electroconductive fields and applies the theory to different transmission lines. It culminates in a comparison of the basic relationships that lie behind all the field systems covered. The second part covers the physical effects of dielectrics and ferrous materials on capacitors and coils. It is truly introductory with very little prior knowledge assumed. The mathematical techniques required to manipulate the theory are introduced from basics and there are numerous worked examples and problems. Self-assessment questions are given at the end of each chapter to allow the student to check their understanding of material before moving onto further chapters. This is an accessible and self-contained introduction to a topic that all...



READ ONLINE
[3.92 MB]

Reviews

A top quality publication along with the font used was intriguing to read. I really could comprehend everything using this written e ebook. Its been designed in an remarkably straightforward way and it is only after i finished reading through this publication by which basically altered me, modify the way i believe.

-- Cathrine Larkin Sr.

Very useful to all of group of people. I actually have read through and so i am certain that i will planning to study yet again once again down the road. I am just very easily can get a satisfaction of looking at a created book.

-- Mark Bernier

See Also



[How to Solve Mathematical Problems \(Paperback\)](#)

Dover Publications Inc., United States, 1995. Paperback. Condition: New. New edition. Language: English. Brand new Book. If you've ever tried to solve mathematical problems without any idea how to go about it, this book is for you. It will improve your ability...



[How to Deal with Alcoholics and Alcoholism: Steps and Tips Dealing with an Alcoholic \(Paperback\)](#)

Createspace Independent Publishing Platform, United States, 2012. Paperback. Condition: New. Language: English. Brand new Book. How to Deal With Alcoholics And Alcoholism -- Steps And Tips Dealing With An Alcoholic. Are you trying to deal with an alcoholic, a friend or relative...



[Description of a Glass Apparatus, for Making Mineral Waters, Like Those of Pymont, Spa, Seltzer, C. in a Few Minutes, and with a Very Little Expence: In a Letter to the REV. Dr.](#)

Gale Ecco, Print Editions, United States, 2010. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****.The 18th century was a wealth of knowledge, exploration and rapidly growing technology and expanding record-keeping made possible by advances in the...



[The Really Useful Book of ICT in the Early Years \(Paperback\)](#)

Taylor & Francis Ltd, United Kingdom, 2009. Paperback. Condition: New. Language: English. Brand new Book. Practitioners and students wishing to know how very young children develop an awareness of ICT will find this text invaluable. ICT has arguably one of the biggest impacts...



[Applied Bayesian Statistics: With R and OpenBUGS Examples \(Paperback\)](#)

Springer-Verlag New York Inc., United States, 2015. Paperback. Condition: New. 2013 ed. Language: English. Brand new Book. This book is based on over a dozen years teaching a Bayesian Statistics course. The material presented here has been used by students of different...



[Dewalt Electrical Licensing Exam Guide: Based on the NEC 2017 \(Paperback\)](#)

Dewalt, United States, 2017. Paperback. Condition: New. 5th ed. Language: English. Brand new Book. For years, students have turned to the DEWALT ELECTRICAL LICENSING EXAM GUIDE to prepare for professional licensing exams. Combining vital knowledge and valuable test-taking strategies, this trusted text...