


Electromagnetic Field Theory Fundamentals


By Bhag Singh Guru, Hüseyin R. Hiziroglu



Electromagnetic Field Theory Fundamentals By Bhag Singh Guru, Hüseyin R. Hiziroglu

Guru and Hiziroglu have produced an accessible and user-friendly text on electromagnetics that will appeal to both students and professors teaching this course. This lively book includes many worked examples and problems in every chapter, as well as chapter summaries and background revision material where appropriate. The book introduces undergraduate students to the basic concepts of electrostatic and magnetostatic fields, before moving on to cover Maxwell's equations, propagation, transmission and radiation. Chapters on the Finite Element and Finite Difference method, and a detailed appendix on the Smith chart are additional enhancements. MathCad code for many examples in the book and a comprehensive solutions set are available at www.cambridge.org/9780521830164.

 [Download Electromagnetic Field Theory Fundamentals ...pdf](#)

 [Read Online Electromagnetic Field Theory Fundamentals ...pdf](#)

Electromagnetic Field Theory Fundamentals

By Bhag Singh Guru, Hüseyin R. Hiziroglu

Electromagnetic Field Theory Fundamentals By Bhag Singh Guru, Hüseyin R. Hiziroglu

Guru and Hiziroglu have produced an accessible and user-friendly text on electromagnetics that will appeal to both students and professors teaching this course. This lively book includes many worked examples and problems in every chapter, as well as chapter summaries and background revision material where appropriate. The book introduces undergraduate students to the basic concepts of electrostatic and magnetostatic fields, before moving on to cover Maxwell's equations, propagation, transmission and radiation. Chapters on the Finite Element and Finite Difference method, and a detailed appendix on the Smith chart are additional enhancements. MathCad code for many examples in the book and a comprehensive solutions set are available at www.cambridge.org/9780521830164.

Electromagnetic Field Theory Fundamentals By Bhag Singh Guru, Hüseyin R. Hiziroglu Bibliography

- Sales Rank: #760870 in eBooks
- Published on: 2004-07-22
- Released on: 2004-07-22
- Format: Kindle eBook

 [Download Electromagnetic Field Theory Fundamentals ...pdf](#)

 [Read Online Electromagnetic Field Theory Fundamentals ...pdf](#)

Download and Read Free Online Electromagnetic Field Theory Fundamentals By Bhag Singh Guru, Hüseyin R. Hiziroglu

Editorial Review

Review

"... a comprehensive account of electromagnetic theory for undergraduate physics and electronics engineering students. Its key feature is that the physics is developed assuming that the student is thoroughly familiar with all of the vector analysis."

Dr T. A. Birks, Contemporary Physics

About the Author

Dr Guru is a Professor in the ECE Department at Kettering University. He has published over 30 papers in the areas of Rotating Machinery and Electromagnetic Fields and has co-authored two books. Dr Guru is a member of the IEEE.

Huseyin R. Hiziroglu is a Professor in the Department of Electrical and Computer Engineering at Kettering University, where he has been a member of faculty since 1982. He was awarded several grants by the United Nations Development Program, and has numerous publications in IEEE conferences and transactions. He is also a coauthor, with Bhag Guru, of Electric Machinery and Transformers (1988, 1995, 2001). Dr Hiziroglu is a senior member of IEEE.

Users Review

From reader reviews:

Gabriel Harris:

The publication untitled Electromagnetic Field Theory Fundamentals is the book that recommended to you to see. You can see the quality of the book content that will be shown to an individual. The language that writer use to explained their way of doing something is easily to understand. The article writer was did a lot of investigation when write the book, therefore the information that they share for your requirements is absolutely accurate. You also can get the e-book of Electromagnetic Field Theory Fundamentals from the publisher to make you much more enjoy free time.

Raymond Albanese:

Your reading 6th sense will not betray a person, why because this Electromagnetic Field Theory Fundamentals e-book written by well-known writer who really knows well how to make book which might be understand by anyone who read the book. Written within good manner for you, leaking every ideas and publishing skill only for eliminate your current hunger then you still question Electromagnetic Field Theory Fundamentals as good book not just by the cover but also through the content. This is one book that can break don't determine book by its deal with, so do you still needing an additional sixth sense to pick this particular!? Oh come on your looking at sixth sense already told you so why you have to listening to a different sixth sense.

Gwendolyn Mullins:

In this era globalization it is important to someone to get information. The information will make professionals understand the condition of the world. The healthiness of the world makes the information quicker to share. You can find a lot of references to get information example: internet, newspapers, book, and soon. You will see that now, a lot of publisher in which print many kinds of book. Typically the book that recommended to you personally is Electromagnetic Field Theory Fundamentals this guide consist a lot of the information on the condition of this world now. This specific book was represented how do the world has grown up. The words styles that writer require to explain it is easy to understand. Typically the writer made some research when he makes this book. Honestly, that is why this book ideal all of you.

Eva Lynch:

A lot of publication has printed but it differs. You can get it by online on social media. You can choose the most beneficial book for you, science, witty, novel, or whatever by searching from it. It is called of book Electromagnetic Field Theory Fundamentals. You can contribute your knowledge by it. Without making the printed book, it could possibly add your knowledge and make a person happier to read. It is most significant that, you must aware about reserve. It can bring you from one destination to other place.

Download and Read Online Electromagnetic Field Theory Fundamentals By Bhag Singh Guru, Hüseyin R. Hiziroglu #U0CWJEAKF2H

Read Electromagnetic Field Theory Fundamentals By Bhag Singh Guru, Hüseyin R. Hiziroglu for online ebook

Electromagnetic Field Theory Fundamentals By Bhag Singh Guru, Hüseyin R. Hiziroglu Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Electromagnetic Field Theory Fundamentals By Bhag Singh Guru, Hüseyin R. Hiziroglu books to read online.

Online Electromagnetic Field Theory Fundamentals By Bhag Singh Guru, Hüseyin R. Hiziroglu ebook PDF download

Electromagnetic Field Theory Fundamentals By Bhag Singh Guru, Hüseyin R. Hiziroglu Doc

Electromagnetic Field Theory Fundamentals By Bhag Singh Guru, Hüseyin R. Hiziroglu Mobipocket

Electromagnetic Field Theory Fundamentals By Bhag Singh Guru, Hüseyin R. Hiziroglu EPub