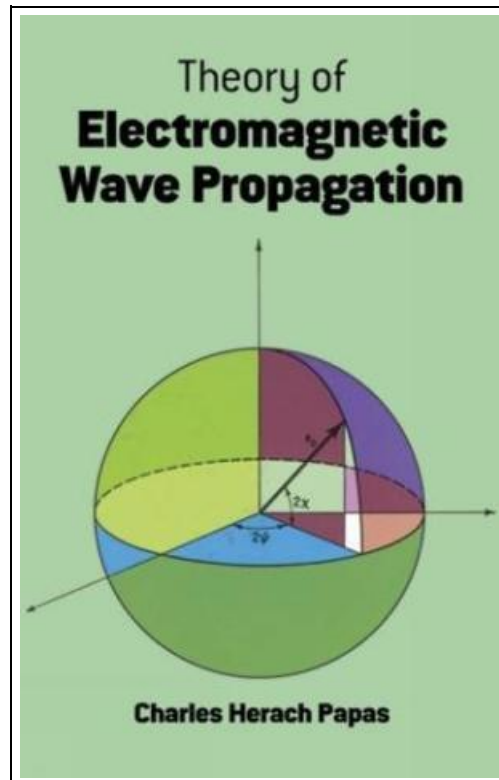


Theory of Electromagnetic Wave Propagation



Filesize: 7.62 MB

Reviews

Great electronic book and useful one. It can be written in straightforward terms rather than difficult to understand. Once you begin to read the book, it is extremely difficult to leave it before concluding.

(Kian Harber)

THEORY OF ELECTROMAGNETIC WAVE PROPAGATION



Dover Publications Inc., United States, 2011. Paperback. Book Condition: New. New edition. 216 x 136 mm. Language: English . Brand New Book. While there are so many books on general electromagnetic theory for graduate-level students, there are significantly fewer that concentrate on the radiation aspects as does this well-known work. Interfacing physics and electrical engineering, Dr. Papas's clearly written text discusses highly important topics in the theory of electromagnetic wave propagation and antennas in a way that reveals the inherent simplicity of the basic ideas and their logical development from the Maxwell field equation. Chapter 1: Maxwell's field equations and those parts of electromagnetic field theory necessary for understanding the remainder of the book. Chapter 2: How the dyadic Green's function can be used to compute radiation from monochromatic sources. Chapter 3: Problems of radiation emitted by wire antennas and antenna arrays from the viewpoint of analysis and synthesis. Chapter 4: Two methods of expanding a radiation field in multiples -- one based on the Taylor expansion of the Helmholtz integrals and the other, on all expansion in spherical waves. Chapter 5: Wave aspects of radio-astronomical antenna theory. Chapter 6: Theory of electromagnetic wave propagation in a plasma medium describing the behavior of an antenna immersed in such a medium. Chapter 7: Covariance of Maxwell's equations in material media and its application to phenomena such as the Doppler effect. By unifying various topics under the single mantle of electromagnetic theory, Professor Papas has made the contents of this book easy to learn and convenient to teach. In addition, the book assembles much data previously available only in scattered research literature. The result is a superb graduate-level text that can also lend itself to self-instruction by researchers.



[Read Theory of Electromagnetic Wave Propagation Online](#)



[Download PDF Theory of Electromagnetic Wave Propagation](#)

See Also



The new era Chihpen woman required reading books: Chihpen woman Liu Jieli financial surgery(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2012-05-01 Pages: 247 Publisher: Jilin Publishing Group title: new era Chihpen...

[Save PDF »](#)



The Pauper & the Banker/Be Good to Your Enemies

Discovery Publishing Pvt.Ltd. Paperback. Book Condition: new. BRAND NEW, The Pauper & the Banker/Be Good to Your Enemies, Discovery Kidz, This book is part of the Aesops Fables (Fun with 2 Stories) Series, titles in...

[Save PDF »](#)



Genuine] kindergarten curriculum theory and practice(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2011-07 Publisher: East China Normal University Press Introduction Jiaxiong. Huang Jin....

[Save PDF »](#)



Final Theory

Simon & Schuster Ltd, 2008. Paperback. Book Condition: New. A new, unread, unused book in perfect condition with no missing or damaged pages. Shipped from UK. Orders will be dispatched within 48 hours of receiving...

[Save PDF »](#)



Ninja Adventure Book: Ninja Book for Kids with Comic Illustration: Fart Book: Ninja Skateboard Farts (Perfect Ninja Books for Boys - Chapter Books for Kids Age 8 - 10 with Comic Pictures Audiobook with Book)

Createspace, United States, 2013. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.BONUS- Includes FREE Dog Farts Audio Book for Kids Inside! For a...

[Save PDF »](#)

**Storytown: Challenge Trade Book Story 2008 Grade 4 Aneesa Lee&**

HARCOURT SCHOOL PUBLISHERS. PAPERBACK. Book Condition: New. 0153651431 Never Read-may have light shelf wear- Good Copy- I ship FAST!

[Read Book »](#)

**Billy and Monsters New Neighbor Has a Secret The Fantastic Adventures of Billy and Monster Volume 4**

CreateSpace Independent Publishing Platform. Paperback. Book Condition: New. This item is printed on demand. Paperback. 32 pages. Dimensions: 11.0in. x 8.5in. x 0.1in. From Best selling Author David Chuka Join Billy and Monster in this fourth episode

[Read Book »](#)

**Children s Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English]**

Createspace, United States, 2013. Paperback. Book Condition: New. 254 x 178 mm. Language: English . Brand New Book ***** Print on Demand *****.ABOUT SMART READS for Kids . Love Art, Love Learning Welcome. Designed to

[Read Book »](#)

**Minecraft Diary: Minecraft Zombie World Book 1. Better of Dead (an Unofficial Minecraft Book): (Minecraft Books, Minecraft Diaries, Zombie Minecraft, Minecraft Comics, Minecraft Adventures)**

Createspace, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Minecraft Diary Minecraft Zombie World Book 1. Better of Dead The dead came

[Read Book »](#)

**Book Finds: How to Find, Buy, and Sell Used and Rare Books (Revised)**

Perigee. PAPERBACK. Book Condition: New. 0399526544 Never Read-12+ year old Paperback book with dust jacket-may have light shelf or handling wear-has a price sticker or price written inside front or back cover-publishers mark-Good Copy- I

[Read Book »](#)