



Electromagnetic Theory

By Stratton, Julius Adams

Wiley-IEEE Press, 2007. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary:

Preface
 CHAPTER I: THE FIELD EQUATIONS. MAXWELL'S EQUATIONS. 1.1 The Field Vectors. 1.2 Charge and Current. 1.3 Divergence of the Field Vectors. 1.4 Integral Form of the Field Equations. MACROSCOPIC PROPERTIES OF MATTER. 1.5 The Inductive Capacities and. 1.6 Electric and Magnetic Polarization. 1.7 Conducting Media. UNITS AND DIMENSIONS. 1.8 M.K.S. or Giorgi System. THE ELECTROMAGNETIC POTENTIALS. 1.9 Vector and Scalar Potentials. 1.10 Conducting Media. 1.11 Hertz Vectors, or Polarization Potentials. 1.12 Complex Field Vectors and Potentials. BOUNDARY CONDITIONS. 1.13 Discontinuities in the Field Vectors. COORDINATE SYSTEMS. 1.14 Unitary and Reciprocal Vectors. 1.15 Differential Operators. 1.16 Orthogonal Systems. 1.17 Field Equations in General Orthogonal Coordinates. 1.18 Properties of Some Elementary Systems. THE FIELD SENSORS. 1.19 Orthogonal Transformations and Their Invariants. 1.20 Elements of Tensor Analysis. 1.21 Space-time Symmetry of the Field Equations. 1.22 The Lorentz Transformation. 1.23 Transformation of the Field Vectors to Moving Systems. CHAPTER II: STRESS AND ENERGY. STRESS AND STRAIN IN ELASTIC MEDIA. 2.1 Elastic Stress Tensor. 2.2 Analysis of Strain. 2.3 Elastic Energy and the Relations of Stress to Strain. ELECTROMAGNETIC FORCES ON CHARGES AND CURRENTS. 2.4 Definition of the Vectors E and B . 2.5 Electromagnetic Stress Tensor in Free Space. 2.6 Electromagnetic Momentum. 2.7 Electrostatic Energy as a Function of Charge Density. 2.8 Electrostatic Energy as a Function of Field Intensity. 2.9 A Theorem on Vector Fields. 2.10



[DOWNLOAD PDF](#)

Reviews

Certainly, this is actually the very best job by any author. It really is rally exciting throgh studying time. You may like how the blogger write this pdf.

-- Rudolph Jones MD

Completely essential go through ebook. I was able to comprehended almost everything using this created e pdf. You will not sense monotony at anytime of your time (that's what catalogs are for relating to if you request me).

-- Timmothy Schulist

Other Books



TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(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 :2005-09-01 Publisher: Chinese children before making Reading: All books are the Youth Pre-employment Training software download generated pictures...



Funny Things I Heard at the Bus Stop: Volume 1: A Collection of Short Stories for Young Readers

Createspace, United States, 2012. Paperback. Book Condition: New. 226 x 150 mm. Language: English . Brand New Book ***** Print on Demand *****.Funny Things I Heard At The Bus Stop, Volume 1 is a collection of short stories for young readers, but...



The Perfect Name : A Step

Book Condition: Brand New. Book Condition: Brand New.



Edge] the collection stacks of children's literature: Chunhyang Qiuyun 1.2 --- Children's Literature 2004(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: 2005 Pages: 815 Publisher: the Chinese teenager Shop Books all book. the genuine special part of the spot...



Grandpa Spanielson's Chicken Pox Stories: Story #1: The Octopus (I Can Read Book 2)

HarperCollins, 2005. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Foreword by Raph Koster. Introduction. I. EXECUTIVE CONSIDERATIONS. 1. The Market. Do We Enter the Market? Basic Considerations. How and Which Niche? Market Analysis: Who Are...



The Clever Detective Boxed Set (a Fairy Tale Romance): Stories 1, 2 and 3

Createspace, United States, 2012. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.After six years as a private investigator, Stacey Alexander has the strangest day of her life when she falls down...