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paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Pages Number: 222 Publisher: Machinery Industry Pub. Date: 2011-06-01 version 1. Liu Shuqin editor of the project-based and application of electromagnetic fields for the general education of Electrical Engineering and Automation. Eleventh Five-Year Plan materials. Project-based and applied electromagnetic fields. Elaborating on the basic theory of electromagnetic fields on the basis of electromagnetic theory to clarify the role of high-tech development, with emphasis on electromagnetic engineering problems of presentation and application of electromagnetic field analysis and calculation to solve practical problems. The book is divided into nine chapters: mathematical and physical basis of the electromagnetic field. electrostatic field. a constant electric field. static magnetic field. electromagnetic field and electromagnetic dynamic. quasi-static electromagnetic field. electromagnetic field of a plane electromagnetic wave. and computer-aided analysis. the final chapter devoted to the magnetic. electromagnetic compatibility and other projects electromagnetic field application of new technologies. such as electromagnetic field analysis applied to the calculation of the optimal design of magnetic levitation technology. the available number of indicators improved. Basic and applied engineering electromagnetic field. also written with the contents of each chapter a lot from industrial production. technology and other aspects of practical examples, exercises and application examples. Engineering electromagnetic fields and applications based institutions of higher learning can be used as electrical engineering, automation and other professional materials and relevant undergraduate and graduate engineers reference book. Contents: Preface Chapter 1 electromagnetic field electromagnetic field of mathematical physics the basic physical quantities based 1.1 1.1.1 1.1.2 charge density and current density. electric field strength magnetic flux density 1.2 1.1.3 1.2.1 Vector algebra Vector analysis of coordinate systems 1.2.3 Vector 1.2.2 1.3 basis points 1.3.1 Field field theory the basic concepts of scalar field...

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