



Electromagnetic theory (general higher education teaching second Five)

By TANG LIAN // ZHAO KUN

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Pages Number: 218 Publisher: China Petrochemical Pub. Date :2011-08-01 version 1. which the electromagnetic theory by Tang and Zhao Kun Lian editor. systematic exposition of the basic theory of electromagnetic fields. including: vector analysis. electrostatic field. the static field solution of boundary value problems. a constant electric field. constant magnetic field. time-varying electromagnetic field. plane electromagnetic wave. electromagnetic field numerical solution of boundary value problems. each chapter contain appropriate examples and exercises. Electromagnetic theory can be used as oil exploration technology and engineering universities. electronics and mathematics of the electromagnetic theory teaching materials are also available for other professional teachers. students and technology officers. Contents: Chapter 1 Vector Analysis 1.1 1.2 vector and three common vector field orthogonal coordinate system 1.3 1.4 scalar field gradient vector field of the flux divergence of 1.5 vector field Circulation and Curl 1.6 Helmholtz theorem and Green's theorem Exercises Chapter 2. the electrostatic field of the basic nature of the electric field 2.1 2.2 vacuum electrostatic field potential of the basic equations 2.3 2.4 dielectric polarization function dielectric polarization in Gauss 2.5 Boundary...



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