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## Electromagnetic field and electromagnetic wave theory

By SUN GUO AN

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Pages Number: 356 Publisher: Southeast University Press Pub. Date :2003-7-1. This book introduces the basic theory of electromagnetic field and electromagnetic waves. the basic concepts and basic methods. The main contents include: the basic laws of electromagnetic fields. static electric field and constant current. constant magnetic field. the static electromagnetic field of the solution. time-varying electromagnetic field. uniform plane electromagnetic wave propagation in the medium. guided electromagnetic waves. electromagnetic radiation. The book Maxwell electromagnetic field equations for clues. very systematic. clear physical concept. the formula derived in detail. The book has many examples and exercises in matching. along with exercise answers. suitable for readers learning. This book can be used as electronic engineering. information engineering. electromagnetic field and microwave technology and other professional undergraduate teaching. but also for other power majors. teachers and engineering officers. Contents: Chapter the basic laws of electromagnetic field 1.2 1.1 1.3 Gauss's law the law of the loop magnetic field 1.4 amps 1.6 1.5 law of electromagnetic induction electromagnetic field integral equation of the form of electromagnetic field equations in differential form 1.7 1.8...



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