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Engineering Electromagnetic Fields (2nd Edition textbook series in electrical engineering colleges)

By WANG ZE ZHONG // QUAN YU SHENG // LU BIN XIAN

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Pages Number: 328 Publisher: Tsinghua University. Pub. Date :2011-01-01 version 2. WANG Ze-zhong, all Yusheng compiled the engineering electromagnetic field. first edition is based on teaching quality of higher education project in Beijing electrical engineering textbook written . Higher Education in Beijing in 2006 was named quality materials. 2nd edition in 2008. included in the general higher education. Eleventh Five-Year national planning materials. The book reflects the content system for engineering the electromagnetic field. Chapter 1 Vector Analysis and field theory is based on the mathematical basis of the book. focusing on the gradient. divergence and curl definition. calculation and computation rules. Chapter 2 - Chapter 5. respectively. from Coulomb's law. the charge conservation law. Ampere's law. Faraday's law and Maxwell displacement current assumptions derived from the electrostatic field. a constant electric field. constant magnetic field and time-varying electromagnetic field of the basic equations; with medium auxiliary equation. discuss the interface of media convergence conditions; finally electromagnetic field expressed as boundary value problem. Chapter 6 discusses the boundary value problem of analytical integration method. separation of variables method and...



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