Ferromagnetism

Description: Electrical Engineering/Electromagnetics Ferromagnetism by Richard Bozorth (1896–1981) A reissue of a broadly recognized classic text, Ferromagnetism covers the basics of magnetics as well as in-depth coverage of magnetic materials. This timeless and invaluable reference also includes:
- complete definitions of magnetic phenomena and theories
- illustrations of magnetic materials
- detailed explanations of basic magnetization and domain theory
- practical use of many fundamental expressions
- useful technical data on magnetic materials

Ferromagnetism will provide a useful resource to any electrical engineer, physicist, researcher or designer, interested in the field of magnetics. Also of Interest Electromagnetics History, Theory, and Applications by Robert S. Elliott, UCLA A Classic Reissue in the IEEE Press Series on Electromagnetic Waves A handy reference for engineers and physicists, this IEEE reprinting of the 1968 classic text provides a deep, fundamental understanding of electromagnetics. Providing a pertinent historical overview for each chapter, it shows how special relativity is used to develop a complete electromagnetic theory from Coulomb's Law.

Electromagnetics contains many applications for electrostatics, magnetostatics, and electrodynamics and also covers electromagnetic theory for dielectric, magnetic, and conducting materials. 1993 Hardcover 656 pp IEEE Order No. PC0372–3 ISBN 0–7803–1024–1 Field Theory of Guided Waves Second Edition by Robert E. Collin, Case Western Reserve University Long considered the most comprehensive account of electromagnetic theory and analytical methods for solving waveguide and cavity problems, this new Second Edition has been completely revised and thoroughly updated approximately 40% new material. Packed with examples and applications, Field Theory of Guided Waves provides solutions to a large number of practical structures of current interest. The book includes an exceptionally complete discussion of scalar and dyadic Green's function. Both a valuable review and source of basic information on applied mathematical topics and a hands–on source for solution methods and techniques, this book belongs on the desks of all engineers working in microwave and antenna systems! 1991 Hardcover 864 pp IEEE Order No. PC0256–8 ISBN 0–87942–237–8

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