



Electric Power Transformer Engineering (Hardback)

By -

Taylor Francis Inc, United States, 2012. Hardback. Book Condition: New. 3rd Revised edition. 246 x 180 mm. Language: English . Brand New Book. Electric Power Transformer Engineering, Third Edition expounds the latest information and developments to engineers who are familiar with basic principles and applications, perhaps including a hands-on working knowledge of power transformers. Targeting all from the merely curious to seasoned professionals and acknowledged experts, its content is structured to enable readers to easily access essential material in order to appreciate the many facets of an electric power transformer. Topically structured in three parts, the book: * Illustrates for electrical engineers the relevant theories and principles (concepts and mathematics) of power transformers * Devotes complete chapters to each of 10 particular embodiments of power transformers, including power, distribution, phase-shifting, rectifier, dry-type, and instrument transformers, as well as step-voltage regulators, constant-voltage transformers, transformers for wind turbine generators and photovoltaic applications, and reactors * Addresses 14 ancillary topics including insulation, bushings, load tap changers, thermal performance, testing, protection, audible sound, failure analysis, installation and maintenance and more As with the other books in the series, this one supplies a high level of detail and, more importantly, a tutorial style of writing...



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