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AN INTRODUCTION TO
ELECTRICAL MACHINES
AND TRANSFORMERS
SECOND EDITION



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AN
INTRODUCTION TO

ELECTRICAL MACHINES AND TRANSFORMERS

GEORGE MCPHERSON □ ROBERT D. LARAMORE

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Electrical Transformers and Rotating Machines Stephen L. Herman, 1999 This book is an excellent resource for electrical students and professionals who need a comprehensive explanation of theory and practical applications of electrical machines The book includes nine experiments enabling readers to reinforce the theory discussed earlier Students begin with single phase isolation transformers and progress through 3 phase transformers and single and 3 phase motors Features quick access to information on single and three phase transformers DC generators and motors makes this an ideal book for those in the electrical trades combination of theory and practical applications for those entering the industrial electrical field a unit on three phase power provides refresher information on connections and calculations ALSO AVAILABLE INSTRUCTOR SUPPLEMENTS CALL CUSTOMER SUPPORT TO ORDER Instructor s Manual ISBN 0 7668 0580 8 *Transformers and Electric Machinery Fundamentals* Fathe Allythi, 2015-01-23 There no any doubt that the science of electric machinery is one of the necessary important sciences for the undergraduate students in electrical engineering and in mechanical engineering as well This book Transformers and Electric Machinery Fundamentals covers transformers and essential as well as most of special electric machines The simplicity to a great extent in explaining each subject and the concentration on the different enough examples are the features that have been adopted in developing the text material Moreover at the end of each Chapter there are tutorial problems and different review answered questions for revision Thus this book has been written to meet the introductory phase of the needs of those students and engineers who are interested in electrical machinery science and its applications Electric Machines and Transformers S. A. Nasar, 1984 Electric Machines and Transformers Leonard R Anderson, 1981-01-01 **Single Phase Transformers and Electrical Machines** Delmar Learning, 2002-10-03 Available on video or CD ROM this series of four videos correlates directly to Delmar s Standard Textbook of Electricity and serves as the perfect introduction or supplement to information covered in the book The tapes bring single phase transformers and machines to life providing detailed explanations of construction of the machines principles of their

operation and their connections or hook ups Safety is strongly emphasized in each video and special attention is given to explaining all electrical formulas and calculations clearly and in detail In addition consistent easy to understand explanations and examples are used to explain where each type of machine might be used while helpful graphics and professional quality animations have been thoughtfully designed to provide tomorrow s technicians and technologists with a solid understanding of single phase machines Electrical Machines S. K. Bhattacharya,1985 *Problems & Solutions in Electrical Machines & Transformers* S. K. Prasad,2004-02-01 **An Introductory Course on Electric Machines and Transformers** ,2015

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