

Direct And Alternating Current Machinery 2nd Edition

Excerpt from Electrical Machine Design: The Design and Specification of Direct and Alternating Current Machinery A study of design is of the utmost importance to all students, because only by such a study can a knowledge of the limitations of machines be acquired. The machines discussed are those which have become more or less standard, namely, direct-current generators and motors, alternating current generators, synchronous motors, polyphase induction motors, and transformers; other apparatus seldom offers an electrical problem that is not discussed under one or more of the above headings. The principle followed throughout the work is to build up the design for the given rating by the use of a few fundamental formulae and design constants, the meaning and limits of which are discussed thoroughly, and the same procedure has been followed for the several pieces of apparatus. About the Publisher Forgotten Books publishes hundreds of thousands of rare and classic books. Find more at www.forgottenbooks.com This book is a reproduction of an important historical work. Forgotten Books uses state-of-the-art technology to digitally reconstruct the work, preserving the original format whilst repairing imperfections present in the aged copy. In rare cases, an imperfection in the original, such as a blemish or missing page, may be replicated in our edition. We do, however, repair the vast majority of imperfections successfully; any imperfections that remain are intentionally left to preserve the state of such historical works.

A text for college or industrial training courses, stressing characteristics and basic theory rather than design. A knowledge of calculus is not required.

Direct and Alternating Currents, Theory and Machinery

The Design and Specification of Direct and Alternating Current Machinery (Classic Reprint)

ELECTRICAL MACHINE DESIGN THE

Electrical Machines; Direct & Alternating Current

Excerpt from Motor Troubles: The Tracing of Direct-Current and Alternating Current Motor Troubles and the Testing of Direct-Current and Alternating-Current Machinery N the following pages are given the methods that many years of experience have demonstrated to be simple and effective in the tracing and correcting of direct and alternating-current motor troubles. In addition are given the methods found best for direct and alternating-current generators and motors in order to find out completely. About the Publisher Forgotten Books publishes hundreds of thousands of rare and classic books. Find more at www.forgottenbooks.com This book is a reproduction of an important historical work. Forgotten Books uses state-of-the-art technology to digitally reconstruct the work, preserving the original format whilst repairing imperfections present in the aged copy. In rare cases, an imperfection in the original, such as a blemish or missing page, may be replicated in our edition. We do, however, repair the vast majority of imperfections successfully; any imperfections that remain are intentionally left to preserve the state of such historical works.

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A General Reference Work on Direct-current Generators and Motors, Storage Batteries, Electrochemistry, Welding, Electric Wiring, Meters, Electric Lighting, Electric Railways, Power Stations,

Switchboards, Power Transmission, Alternating-current Machinery, Telegraphy, Etc

Alternating-current Machines

Application to Practical Problems

The Design of Alternating Current Machinery

Principles of Alternating Current Machinery

Dr. Sheldon and Mason have written a very technical manual for the study of alternate-current machines. It was intended to be used as a textbook for electrical engineering students.

This early work on electrical machinery is both expensive and hard to find in its first edition. It contains details on the design and specification of direct and alternating current machinery. This is a fascinating work and is thoroughly recommended for anyone with an interest in electrical engineering. Many of the earliest books, particularly those dating back to the 1900s and before, are now extremely scarce. We are republishing these classic works in affordable, high quality, modern editions, using the original text and artwork.

Electrical Machine Design the Design and Specification of Direct and Alternating Current Machinery First Edition - Primary Source Edition

Cyclopedia of Applied Electricity: Alternating current machinery; Station appliances

The Testing of Alternating Current Machines in Laboratories and Test-rooms

Being the Second Volume of Dynamo Electric Machinery, Its Construction, Design, and Operation

Also the Testing of Direct-current and Alternating-current Machinery

The book on The General Theory of Electrical Machines, by B. Adkins, which was published in 1957, has been well received, as a manual containing the theories on which practical methods of calculating machine performance can be based, and as a text-book for advanced students. Since 1957, many important developments have taken place in the practical application of electrical machine theory. The most important single factor in the development has been the increasing availability of the digital computer, which was only beginning to be used in the solution of machine and power system problems in 1957. Since most of the recent development, particularly that with which the authors have been concerned, has related to a. c. machines, the present book, which is in other respects an up-to-date version of the earlier book, deals primarily with a. c. machines. The second chapter on the primitive machine does deal to some extent with the d. c. machine, because the cross-field d. c. generator serves as an introduction to the two-axis theory and can be used to provide a simple explanation of some of the mathematical methods. The equations also apply directly to a. c. commutator machines. The use of the word 'general' in the title has been criticized. It was never intended to imply that the treatment was comprehensive in the sense that every possible type of machine and problem was dealt with.

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The Tracing of Direct-Current and Alternating Current Motor Troubles and the Testing of Direct-Current and Alternating-Current Machinery (Classic Reprint)

Direct and Alternating Current Machinery [by] Jack Rosenblatt [and] M. Harold Friedman

Design of Direct-current Machinery, Pt. 2 ; Design of Direct-current Machinery, Pt. 3 ; Design of Direct-current Machinery, Pt. 4 ; Transformers, Pt. 1 ; Transformers, Pt. 2 ; Alternating Current Generators, Pt. 1 ; Alternating Current Generators, Pt. 2 ; Operation of

Direct-current Machinery ; Motor Control

Being the Second Volume of Dynamo Electric Machinery; Its Construction, Design, and Operation

Electrical Machine Design

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Direct and Alternating Current Machinery

Motor Troubles

Alternating Current Machinery

Annual Announcement of Courses of Instruction

Electrical Machine Design; the Design and Specification of Direct and Alternating Current Machinery

The General Theory of Alternating Current Machines

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Alternating-current Machinery

Register - University of California

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The Design and Specification of Direct and Alternating Current Machinery... - Scholar's Choice Edition

The Design and Specification of Direct and Alternating Current Machinery ...

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The Design and Specification of Direct and Alternating Current Machinery... - Primary Source Edition

Direct and Alternating Current Machinery

A Practical Treatise on Alternating-current Principles and Systems, Commercial Types of Alternators, Synchronous Motors, Transformers, Converters, Induction Motors, Switchboard and Station Appliances, Etc

Direct & Alternating Current Machinery, 2e

Cyclopedia of Applied Electricity