

# Direct And Alternating Current Machinery By Rosenblatt Download Book

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 Being the Second Volume of Dynamo Electric Machinery; Its Construction, Design, and Operation  
 Being the Second Volume of Dynamo Electric Machinery; Its Construction, Design, and Operation  
 Direct and Alternating Currents, Theory and Machinery  
 Design of Direct-current Machinery, Pt. 1  
 A Practical Treatise on Alternating-current Principles and Systems, Commercial Types of Alternators, Synchronous Motors, Transformers, Converters, Induction Motors, Switchboard and Station Appliances, Etc  
 Annual Announcement of Courses of Instruction  
 The Tracing of Direct-current and Alternating-current Motor Troubles  
 Alternating-current Machines  
 Also the Testing of Direct-current and Alternating-current Machinery  
 The Design of Alternating Current Machinery  
 Motor Troubles  
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 Electrical Machine Design; the Design and Specification of Direct and Alternating Current Machinery  
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*A Practical Work for Students and Engineers* Forgotten Books  
 Excerpt from Direct-and Alternating-Current Machine Design Being Instructions for the Design of Motors and Generators  
 Branches of Science Involved in Dynamo Design. - The following discussion of the design of dynamos and motors will be confined to the consideration of direct-

current machines. The design of a dynamo and motor relates to three essential parts: first, the armature carrying the conductors in which the electric energy is generated or absorbed; second, the field magnet that produces the magnetic field or flux in which the armature revolves; and third, the various mechanical parts and arrangements necessary to carry out the electrical and magnetic actions. Thus, three great branches of science - electricity, magnetism, and mechanics - are involved. About the Publisher  
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the state of such historical works.

Electrical Machine Design the Design and Specification of Direct and Alternating Current Machinery First Edition Springer  
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.

*Direct and Alternating Current Machinery*  
Hardpress Publishing

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.

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

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

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*A Practical Treatise on Alternating-current Principles and Systems, Commercial Types of Alternators, Synchronous Motors, Transformers, Converters, Induction Motors, Switchboard and Station Appliances, Etc* Glencoe/McGraw-Hill School Pub

#### Direct and Alternating Current Machinery **Annual Announcement of Courses of Instruction**

Excerpt from Alternating-Current Machines: Being the Second Volume of Dynamo Electric Machinery; Its Construction, Design, and Operation This book, like its companion volume on Direct Current Machines, is primarily intended as a text-book for use in technical educational institutions. It is hoped and believed that it will also be of use to those electrical, civil, mechanical, and hydraulic engineers who are not perfectly familiar with the subject of Alternating Currents, but whose work leads them into this field. It is furthermore intended for use by those who are earnestly studying the subject by themselves, and who have previously acquired some proficiency in mathematics. There are several methods of treatment of alternating-current problems. Any point is susceptible of demonstration by each of the methods. The use of all methods in connection with every point leads to complexity, and is undesirable in a book of this character. In each case that method has been chosen which was deemed clearest and most concise. No use has been made of the method of complex imaginary numbers. A thorough understanding of what takes place in an

alternating-current circuit is not to be easily acquired. About the Publisher Forgotten Books publishes hundreds of thousands of rare and classic books. Find more at [www.forgottenbooks.com](http://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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