



Principles of Electrical Design: D. C, and A C. Generators (Classic Reprint)

By Alfred Still

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from Principles of Electrical Design: D. C, and A C. Generators After using this book for four years as a text in teaching Electrical Design at Purdue University, the writer believes that, although few types of machines have been dealt with, no advantage would be gained by introducing designs of other dynamo-electric machines such as induction motors or rotary converters. The book is intended mainly for the use of students following courses in Electrical Engineering, and since the application of fundamental laws to the practical problems of the engineer can be adequately illustrated by the few examples which have been selected, there would appear to be no reason for adding new material in the form of additional design problems. The revision covers many minor alterations which are mainly corrections of errors which have crept into the first edition; but the method of deriving the formula for the flux cut by the short-circuited coil during commutation has been modified, and a new treatment has also been introduced in connection with the armature m.m.f. in alternating current generators....



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