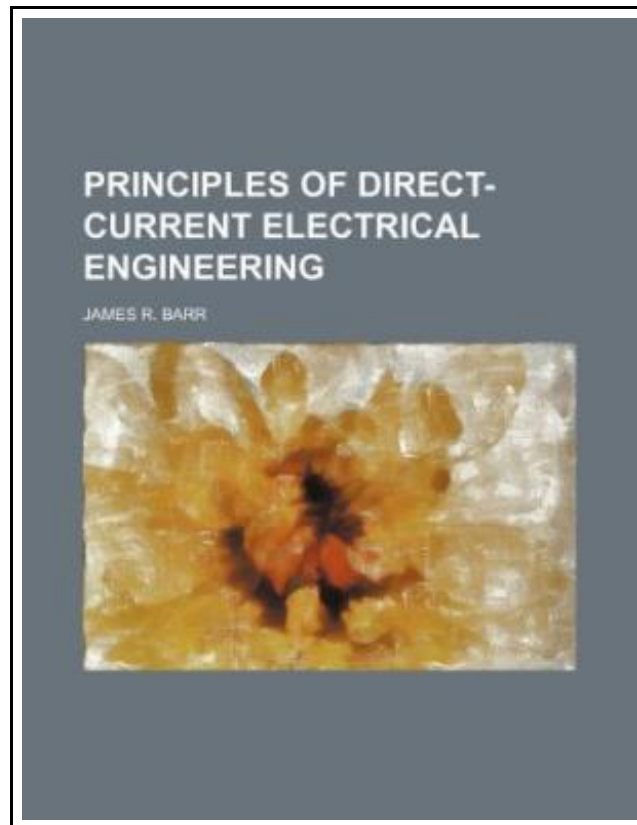


Principles of Direct-Current Electrical Engineering



Filesize: 6 MB

Reviews

This publication is definitely not simple to begin on studying but quite fun to see. It really is full of knowledge and wisdom I am just effortlessly can get a satisfaction of studying a created pdf.
(Alfreda Bradtke)

PRINCIPLES OF DIRECT-CURRENT ELECTRICAL ENGINEERING



To save **Principles of Direct-Current Electrical Engineering** eBook, make sure you access the web link beneath and download the ebook or gain access to additional information that are relevant to PRINCIPLES OF DIRECT-CURRENT ELECTRICAL ENGINEERING ebook.

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 142 pages. Dimensions: 9.7in. x 7.4in. x 0.3in. This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1908 Excerpt: . . . inductor. This is because the core must be insulated from the full Fig. 155. --Loop for bar-wound armature. voltage of the machine, while the voltage between any one inductor and its neighbour is only a small fraction of the full voltage. Press-spahn and micanite are the insulators generally used, and the former requires to be specially treated to render it moisture-proof. These materials can be obtained in almost any thickness, but it is preferable to use two or three layers of thin material in making up the slot lining to the required thickness. Thus suppose a slot requires to be lined with press-spahn to a thickness Fig. 156. --Loop for bar-wound armature. of 0. 75 millimetre, then three layers, each 0. 25 millimetre thick, would be used, as it is more flexible and has a somewhat higher disruptive strength than single sheets of equivalent thickness. Figures 157 and 158 illustrate two methods, according to the cross-section of the inductors, of insulating the slots. The sectional area of copper only forms a portion of the total sectional area of a slot, and the ratio of the former to the latter is known as the space factor. The higher the voltage generated the lower the space factor, and in present-day machines it ranges from 0. 5 or 0. 4 in 550-volt generators to 0. 6 or 0. 7 in 230-volt and 100volt generators. Methods of Retaining the Inductors against Centrifugal Force: (1) Low and Medium Speed Machines....



[Read Principles of Direct-Current Electrical Engineering Online](#)



[Download PDF Principles of Direct-Current Electrical Engineering](#)

Other Kindle Books



[PDF] The Whale Tells His Side of the Story Hey God, Ive Got Some Guy Named Jonah in My Stomach and I Think Im Gonna Throw Up

Access the hyperlink beneath to download and read "The Whale Tells His Side of the Story Hey God, Ive Got Some Guy Named Jonah in My Stomach and I Think Im Gonna Throw Up" PDF file.

[Download Book »](#)



[PDF] Animalogy: Animal Analogies

Access the hyperlink beneath to download and read "Animalogy: Animal Analogies" PDF file.

[Download Book »](#)



[PDF] Yearbook Volume 15

Access the hyperlink beneath to download and read "Yearbook Volume 15" PDF file.

[Download Book »](#)



[PDF] Molly on the Shore, BFMS 1 Study score

Access the hyperlink beneath to download and read "Molly on the Shore, BFMS 1 Study score" PDF file.

[Download Book »](#)



[PDF] Good Night, Zombie Scary Tales

Access the hyperlink beneath to download and read "Good Night, Zombie Scary Tales" PDF file.

[Download Book »](#)



[PDF] God Loves You. Chester Blue

Access the hyperlink beneath to download and read "God Loves You. Chester Blue" PDF file.

[Download Book »](#)