

## The principles of electrical engineering and their application Volume 2



Filesize: 2.35 MB

### ***Reviews***

*Extensive information for ebook fans. It generally is not going to expense a lot of. I discovered this publication from my dad and i suggested this ebook to discover.*

***(Ivah West)***

## THE PRINCIPLES OF ELECTRICAL ENGINEERING AND THEIR APPLICATION VOLUME 2

[DOWNLOAD](#)

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 126 pages. 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. 1919 Excerpt: . . . If we make the pole face narrower say one half the pole pitch the mean ordinate of the shaded area becomes a little larger. In this case the shaded area is  $j \cdot g$  and the mean ordinate is  $2.32q_i$ . By narrowing the pole face we have slightly increased the coefficient. If we were to reduce the polar face to one third of the pole pitch the coefficient would be  $2.45$ . To cover all cases we may write generally  $X a q_i$  (64) The bevelling of the polar edges has the effect of concentrating more of the flux in the middle and this has the same result as narrowing the poles. Thus with bevelled edges and a polar angle of  $120^\circ$  the coefficient will be a little greater than  $2.12$ . The value assumed in practice is  $2.2$ , so that the formula for armature ampereturns with coils sides of one third and pole faces of two thirds of the pole Pitch is  $X 2.2 q_i$  (65) Similar calculations may be made for the case of wide coil sides. The graph of exciting force is shown in the lower part of Fig. 93. The outlines have the same shape, but the maxima are in both figures reduced in the ratio of 2 to 3. It is therefore not necessary to go through the calculation in detail; all we need do is to reduce the value of  $a$  in this ratio. This gives a  $1.9$ . With a lag of  $90^\circ$   $X$  is...



[Read The principles of electrical engineering and their application Volume 2 Online](#)  
[Download PDF The principles of electrical engineering and their application Volume 2](#)

## See Also



**Kindergarten Culture in the Family and Kindergarten; A Complete Sketch of Froebel s System of Early Education, Adapted to American Institutions. for the Use of Mothers and Teachers**

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.This historic book may have numerous typos and missing text. Purchasers can download...

[Save ePub »](#)



**A Kindergarten Manual for Jewish Religious Schools; Teacher s Text Book for Use in School and Home**

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.This historic book may have numerous typos and missing text. Purchasers can download...

[Save ePub »](#)



**Southern Educational Review Volume 3**

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.This historic book may have numerous typos and missing text. Purchasers can download...

[Save ePub »](#)



**A Year Book for Primary Grades; Based on Froebel s Mother Plays**

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.This historic book may have numerous typos and missing text. Purchasers can download...

[Save ePub »](#)



**Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications .**

Rarebooksclub.com, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.This historic book may have numerous typos and missing text. Purchasers can usually...

[Save ePub »](#)