



DOWNLOAD



## A course in electrical engineering Volume 1

---

By Chester Laurens Dawes

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 136 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. 1920 Excerpt: . . . The field current in this experiment should be obtained from a supply other than the generator itself, for two reasons: If the generator excited its own field, the voltage and field current would be inter-dependent and it would be difficult to adjust the field current without the voltage in turn changing this adjustment. Also a voltage drop would exist in the armature due to the field current. The voltmeter would not then be reading the true induced voltage, although the error from this cause would be slight. 186. Field Resistance Line. - By Ohms Law the current in a circuit is proportional to the voltage, for a constant resistance. If the current be plotted against volts, Fig. 234, a straight line passing through the origin results. For example, if the resistance of a field circuit be 50 ohms, the current will be 2 amp. when the voltage...



READ ONLINE  
[ 1.05 MB ]

### Reviews

*Completely essential study ebook. This is for all those who statte there was not a well worth reading. I realized this book from my dad and i recommended this publication to find out.*

-- **Jarrell Kovacek**

*Very good e-book and valuable one. It can be writter in basic words and phrases and not confusing. You will not really feel monotony at whenever you want of your own time (that's what catalogues are for concerning should you check with me).*

-- **Mr. Antwon Frami**