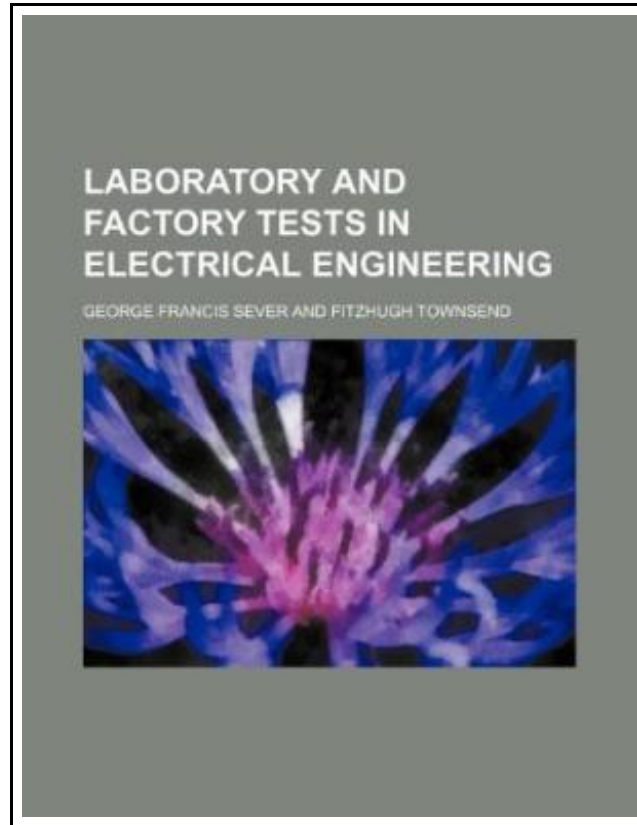


Laboratory and factory tests in electrical engineering



Filesize: 4.09 MB

Reviews

The ideal ebook i actually read through. It really is written in simple words and phrases and not confusing. Its been written in an remarkably simple way and it is just after i finished reading this ebook where in fact modified me, affect the way i think.

(Alice Cremin)

LABORATORY AND FACTORY TESTS IN ELECTRICAL ENGINEERING



To download **Laboratory and factory tests in electrical engineering** PDF, make sure you click the button below and save the file or gain access to additional information which might be related to LABORATORY AND FACTORY TESTS IN ELECTRICAL ENGINEERING ebook.

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 68 pages. Dimensions: 9.7in. x 7.4in. x 0.1in. 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. 1906 Excerpt: . . . and impressed E. M. F. constant.) Applying load to the motor will change not only all the phase relations, but also the amplitude of the current. Fig. 59 is designed to show the result of loading the motor when its excitation is such as to produce a lagging current at no load. The energy transformed by the motor into mechanical work is: it. $P_2 I \cos \phi$. As the load comes on the armature of the motor is held back so as to increase the lag of $O E_v$ while $O E_s$ $Z_m I$ increases until the above equation for P_2 is fulfilled. It will be seen that increasing the load may bring the current into phase with the impressed E. M. F. A similar action takes place if the motor excitation is such as to produce a leading current at no load. This is shown in Fig. 60. Experiment ix. --External Characteristic of an Alternator at Constant Power Factor, (a) Leading Current. (b) Lagging Current. In this experiment the object is to show the effect of the phase of the current upon the armature reaction. The leading and lagging currents are obtained by varying the excitation and the load of a synchronous motor. In connecting machines in parallel, where a synchronizer is not available, lamps are ordinarily used. Fig. 61 shows the arrangement for a single-phase single-pole switch. A doublepole switch should have one of the lamps across each break, the rated voltage of each lamp being that of the...



[Read Laboratory and factory tests in electrical engineering Online](#)
[Download PDF Laboratory and factory tests in electrical engineering](#)

Related PDFs

**[PDF] Animalogy: Animal Analogies**

Access the web link under to download "Animalogy: Animal Analogies" document.

[Save eBook »](#)

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

Access the web link under to download "Molly on the Shore, BFMS 1 Study score" document.

[Save eBook »](#)

**[PDF] Yearbook Volume 15**

Access the web link under to download "Yearbook Volume 15" document.

[Save eBook »](#)

**[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 web link under to download "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" document.

[Save eBook »](#)

**[PDF] God Loves You. Chester Blue**

Access the web link under to download "God Loves You. Chester Blue" document.

[Save eBook »](#)

**[PDF] When Santa Claus Prayed**

Access the web link under to download "When Santa Claus Prayed" document.

[Save eBook »](#)