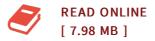




Science Abstracts Volume 6; Electrical Engineering Abstracts (Paperback)

By Institution Of Electrical Engineers

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 a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1903 Excerpt: .are described in the section dealing with steam and gas engines. 567. Multiple Unit. Voltage Speed Control for Trunk Line Service. H. Ward Leonard. (Amer. Inst. Elect. Engin., Trans. 19. pp. 1581-1584, Dec., 1902.)--This is a description of a singlephase, high-tension, alternating current system for operating trunk line railways. A single-phase synchronous motor is carried on the locomotive. This is coupled direct to a continuous current dynamo and exciter. The individual motor armatures on the train are connected to the leads from the continuous-current dynamo, the magnets being all separately excited by the exciter. A field reversing switch is provided in the dynamo field circuit. By manipulating the dynamo field rheostat, the current through the motor armatures necessary to obtain the required tractive effort can be obtained at any desired voltage, from the lowest to the full speed voltage, in either direction. A perfectly smooth and rapid...



Reviews

Unquestionably, this is the greatest job by any author. It really is simplistic but shocks inside the fifty percent in the book. I am just pleased to inform you that here is the greatest book i actually have go through within my own existence and could be he greatest ebook for at any time.

-- Elva Kemmer

Complete guide for publication fanatics. It is full of knowledge and wisdom You will not really feel monotony at at any time of your respective time (that's what catalogues are for about should you question me).

-- Arely Dare