



DOWNLOAD



## Science Abstracts Volume 4 (Paperback)

By Physical Society of London

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. 1901 Excerpt: .mirror in showing alternate current curves, interrupter curves, hysteresis curves, oscillatory discharges, phase-differences, Lissajous figures, c. G. H. B. 1324. Acoustic and Electrical Constants of the Telephone. M. Wien. (Ann. d. Physik, 4. 8. pp. 450-458, March, 1901.)--The condition of the correct translation of speech by a telephone receiver is that the relative amplitude of different tones remains unvaried. To determine how far this condition is fulfilled, the following three points must be examined: --(1) The variation of current with frequency, at constant e.m.f. (2) The variation of magnetic induction with frequency, at constant current. (8) The variation of the amplitude of the diaphragm at constant magnetic induction. The author has made experiments on four telephones--a Bell receiver, two Siemens receivers, and an Apel receiver--all four transmitting speech with equal distinctness. Their effective resistances and self-inductions were measured for frequencies up to 16,000, the source of...



READ ONLINE  
[ 3.11 MB ]

### Reviews

*Complete guideline for pdf fanatics. I could possibly comprehend everything out of this created e pdf. You can expect to like just how the writer compose this pdf.*

-- **Nya Kunde**

*It is really an awesome ebook which i have ever go through. It is actually written in straightforward terms and not confusing. I am very easily could get a satisfaction of reading a written ebook.*

-- **Clotilde Wiegand**