



Artificial Electric Lines; Their Theory, Mode of Construction and Uses

By Arthur Edwin Kennelly

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 download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1917 edition. Excerpt: . known quantities at some given point C, a simple ratio of sines, cosines, tangents and cotangents of the position angles of P and C. A reader interested in seeing the contrast between these formulas and those which have been developed by competent mathematicians, not using hyperbolic functions, may consult the following references. O. Heaviside, Reprinted Electrical Papers, London, 1892, vol. ii, p. 247. M. Leblanc, Formula for Calculating the Electromotive Force at any Point of a Transmission Line for Alternating Current, Trans. A. I. E. E., vol. xix, pp. 759-768, June, 1901. P. H. Thomas, Calculation of the High-tension Line, Trans. A. I. E. E., part I, vol. xxviii, pp. 641-686, June 1909. CHAPTER XI FUNDAMENTAL PROPERTIES OF ALTERNATING-CURRENT ARTIFICIAL LINES A.C. artificial lines are composed of uniform sections, either 7 s or 11 s. The series elements of these sections ordinarily...



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