



Engineering Mathematics; A Series of Lectures Delivered at Union College (Paperback)

By Charles Proteus Steinmetz

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. 1911 Excerpt: .S0. This is recorded in Table X B. In Fig. 46 are plotted the total exciting current i , its third harmonic i_3 , and the 9th harmonic i_9 . This method has the advantage of showing the limitation of the exactness of the results resulting from the limited number of numerical values of i , on which the calculation is based. Thus, in the example, Table X, in which the values of i are given for every 10 deg., values of the third harmonic are derived for every 30 deg., and for the 9th harmonic for every 90 deg.; that is, for the latter, only two points per half wave are determinable from the numerical data, and as the two points per half wave are just sufficient to locate a sine wave, it follows that within the accuracy of the given numerical values of i , the 9th...



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