Science Abstracts Volume 11

By Institution Of Engineers

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. 1908 edition. Excerpt: .coefficient, 1: the number of poles, 21 the number of stator slots per pole per phase, d the diam. of rotor in cm., A the air-gap depth, and 1 denotes the length of iron axially (core length). Tabulated values of the coefficicnts K1 and K, are given for various conditions. 778. Graphical Treatment of the Rotating Field. R. E. Hellrnund. (Amer. Inst. Elect. Engin., Proc. 27. pp. 927-948, une, 1908.)---The author first describes Gorges diagram for the flux in the teeth of the rotor. The space values of the magnetic flux density for the case of a two-phase winding with four slots per pole per phase are shown graphically. The time values of the quantities are then developed, and a comparison is made with the results obtained on the ordinary theory. The diagrams show that the max. values of the flux in individual teeth...

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