



Alternating Current Motors (Classic Reprint)

By A S McAllister

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English Brand New Book ***** Print on Demand *****.Excerpt from Alternating Current Motors A comparison of the present edition with the second edition of this book will show that the essential features of the recently developed split-pole variable-ratio synchronous converter are discussed in the simplest possible terms, there has been added a chapter on Synchronous Motors, in which all of the characteristics of this machine both as a motor and as a condenser are fully treated, and the chapter on the Prevention of Sparking in Single-Phase Commutators Motors has been expanded to include the recent improvements in commutating-pole motors. Throughout the whole book an effort has been made to distinguish between electrical-time degrees electrical space degrees and mechanical-space degrees. The importance of making such a distinction will be appreciated when one considers the uncertainty and confusion that must be produced in the mind of a person unfamiliar with the facts when he is told that in a certain multipolar machine two fluxes are in quadrature. The fact that many writers do not distinguish between the three different angles has caused the author to lay particular emphasis...



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