



Revolving Vectors: With Special Application to Alternating Current Phenomena

By George W Patterson

Createspace, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.One ordinarily associates vector representation with the use of geometrical diagrams. The reader who takes up this volume with that point of view is likely to be disappointed, as geometrical representation is very much lacking and there are, all told, but 23 diagrams. The work is entirely mathematical and the contents would perhaps have been more appropriately designated The Use of Complex Quantities in the Theory of Alternating Currents. The reader without mathematical preparation will not be able to follow this presentation. but for one who is properly prepared the book furnishes a concise justification for, and explanation of, the use of complex quantities in electrical problems. In places the treatment may be found too concise for the reader to whom the subject is new, as there is but little physical illustration of the equations derived. One slight error into which the author falls is the common one of referring to the resistance drop of voltage as ohmic drop. - Electrical Review, , Volume 63 [1913].



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Reviews

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