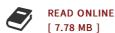THUMBNAIL
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# Algebra Made Easy: Being a Clear Explanation of the Mathematical Formulaefound in Prof. Thompson s Dynamo-Electric Machinery and Polyphase Electric Currents (Paperback)

By Edwin J Houston

Createspace Independent Publishing Platform, 2017. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****.From the INTRODUCTION. The essential difference between pure and applied mathematics lies in the fact that symbols are employed in pure mathematics for the purpose of conveniently studying the relations between the quantities they represent, entirely independently of arithmetical or practical applications; whereas, in applied mathematics the symbols are employed especially for the purpose of enabling practical and arithmetical solutions and applications to be obtained from the expressions of the laws controlling such quantities. Just as there is no limit to infinite truth, so there is no limit to the range, extent, and complexity of pure mathematics; but applied mathematics is limited in range, in order to be capable of ready application and utilization. When a formula or analysis in the department of applied mathematics becomes so complex, difficult, or intricate, as to render its solution and arithmetical computation more laborious than the object to be attained deserves, it thereby places itself beyond the pale of applied mathematics. Consequently, applied mathematics is relatively simple mathematics. The mathematics which the engineer employs must be relatively simple, because his duties compel him to adopt...

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## Reviews

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