



## A Course in Practical Mathematics (Classic Reprint)

By F. M. Saxelby

Forgotten Books. Paperback. Condition: New. This item is printed on demand. 492 pages. Dimensions: 9.0in. x 6.0in. x 1.0in. Excerpt from A Course in Practical Mathematics: Objection is sometimes raised to the methods of practical mathematics, on the ground that mathematics is not an experimental science. This is true; but mathematics is built up from a system of conventions which are not arbitrary, but chosen with reference to experience. Thus it is both logically and educationally necessary that the beginner in any branch of mathematics should have the corresponding part of his experience clearly realized and defined. This has been recognized in the now generally accepted view that the study of geometry should begin with a course of experimental measurement. It is the object of the treatment followed in this book to extend the same method to some other branches of mathematics with special reference to the needs of the technical student. In the chapters on trigonometry, for instance, while results are nowhere given without proof, the deductive treatment is, as far as possible, accompanied at every step by graphic or arithmetical verification, to enable the student to realise clearly his own experience of space, and to see that he is not...



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