

ingenuity of examiners, but are never met with in the practical application of Mathematics, and have introduced as many examples as possible to illustrate the use of Trigonometry in Mechanics, Physics and Analytical Geometry. In numerical work we have indicated the degree of accuracy to which the results are reliable.

Enough examples are worked out in the text to show how each new principle may be applied, and to show the best way of arranging the work—which is of especial importance when logarithms are used; but we have endeavoured to leave the student as much as possible to his own intelligence.

Another special feature of the book is Chapter X, which deals with solid figures and angles which are not in one plane. We have also added an introduction to Trigonometrical Surveying.

We believe that the book will be of value to those who are preparing for Army and Civil Service Examinations, to Technical Students, and to all who require Trigonometry for practical purposes.

Our best thanks are due to several friends and colleagues for much kind help, and in particular to Mr G. W. Palmer of Clifton College.

To meet the wishes of many teachers who use this book we have added an appendix containing a considerable number of Identities.

H. C. P.

R. C. F.

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