

PREFACE TO FIFTH EDITION.

It is the intention in the following pages to provide an elementary text to be used in conjunction with the lectures on Statics as given in the Faculty of Applied Science and Engineering at Toronto University. Recognizing the fact that the student very often wastes a great deal of time in working out the steps that are omitted in most mathematical text-books, the writer has endeavored to give each step in full, sometimes at the expense of conciseness.

Chapters XIV., XV., XVI. and the Appendix have been added to the original edition. The reader will no doubt notice many repetitions in the problems presented in the first three named chapters. These problems originally appeared in serial form in "The Canadian Engineer," which, of course, necessitated a large amount of repetition from week to week. It was thought better, however, to publish the problems in this book just as they were, for, as explained in the previous paragraph, this book is for the beginner and not the advanced student, who knows how and where to look for previous reasoning.

The writer wishes to acknowledge his indebtedness to Professor C. H. C. Wright, upon whose course of lectures the following work is based, and to Professor W. J. London for many valuable suggestions.

THOS. R. LONDON.

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