

**AN ELEMENTARY
TREATISE ON SURVEYING
AND NAVIGATION**

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An Elementary Treatise on Surveying and Navigation by Arthur G. Robbins

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AN ELEMENTARY TREATISE

ON

SURVEYING AND NAVIGATION

BY

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By Louis C. Karpinski
10-13-45

PREFACE.

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This brief work on Surveying and Navigation is intended for those students who desire to supplement the study of Trigonometry with a brief course on its applications to those subjects.

No attempt has been made to treat the subjects fully. Special effort has, however, been made to have the work correct and accurate as far as it goes, and it is believed that the student who afterwards becomes a surveyor or navigator will have nothing to unlearn that he has learned from this work.

The author wishes to acknowledge his obligations to Messrs. W. & L. E. Gurley, Troy, N.Y., for the use of plates from which were made the cuts of the instruments found throughout the work.

ARTHUR G. ROBBINS.

MASSACHUSETTS INSTITUTE OF TECHNOLOGY,
September, 1896.

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