

**ANALYTIC GEOMETRY
FOR COLLEGES,
UNIVERSITIES, AND
TECHNICAL SCHOOLS**

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Analytic Geometry for Colleges, Universities, and Technical Schools by E. W. Nichols

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E. W. NICHOLS

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TECHNICAL SCHOOLS.


BY

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P R E F A C E.

THIS text-book is designed for Colleges, Universities, and Technical Schools. The aim of the author has been to prepare a work for beginners, and at the same time to make it sufficiently comprehensive for the requirements of the usual undergraduate course. For the methods of development of the various principles he has drawn largely upon his experience in the class-room. In the preparation of the work all authors, home and foreign, whose works were available, have been freely consulted.

In the first few chapters *elementary examples* follow the discussion of each principle. In the subsequent chapters *sets of examples* appear at intervals throughout each chapter, and are so arranged as to partake both of the nature of a *review* and an *extension* of the preceding principles. At the end of each chapter *general examples*, involving a more extended application of the principles deduced, are placed for the benefit of those who may desire a higher course in the subject.

The author takes pleasure in calling attention to a "Discussion of Surfaces," by A. L. Nelson, M.A., Professor of Mathematics in Washington and Lee University, which appears as the final chapter in this work.

He takes pleasure also in acknowledging his indebtedness

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E. W. NICHOLS.

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