

**ELEMENTS OF DESCRIPTIVE
GEOMETRY. WITH APPLICATIONS
TO SPHERICAL, PERSPECTIVE,
AND ISOMETRIC PROJECTIONS,
AND TO SHADES AND SHADOWS**

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Elements of Descriptive Geometry. With Applications to Spherical, Perspective, and Isometric Projections, and to Shades and Shadows by Albert E. Church

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ALBERT E. CHURCH

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ELEMENTS
OF
DESCRIPTIVE GEOMETRY

WITH APPLICATIONS TO
SPHERICAL, PERSPECTIVE, AND ISOMETRIC PROJECTIONS,
AND TO SHADES AND SHADOWS

BY
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PUBLISHERS' NOTE

THIS book was originally published in 1864. The preface to the first edition states: "Without any effort to enlarge or originate, the author has striven to give with a natural arrangement and in clear and concise language, the elementary principles and propositions of this branch of science, of so much interest to the mathematical student, and so necessary to both the civil and military engineer."

Professor Church succeeded so well in his efforts to produce a practical and well-adapted treatise that now, nearly forty years after its publication, it is still in use as a text-book in the United States Military Academy and in many other academies, technical schools, and colleges.

The continued demand for this favorite text-book has rendered necessary a renewal of the plates. The publishers have submitted the book to several eminent mathematicians, and by their advice have retained the text unchanged as not being capable of improvement. The new edition, however, appears with larger and more legible type, displayed to greater advantage on the page.

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