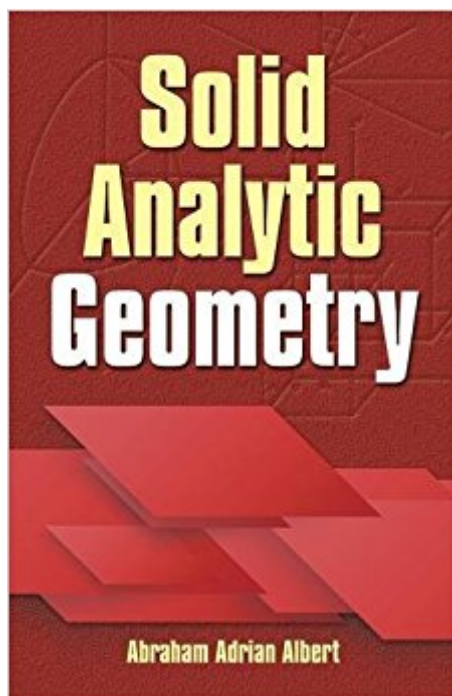


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# Solid Analytic Geometry (Dover Books On Mathematics)



## Synopsis

The first seven chapters of this concise text provide an exposition of the basic topics of solid analytic geometry and comprise the material for a one-semester course on the subject for undergraduate mathematics majors. The remaining two chapters offer additional material for longer courses or supplementary study. Chapters 1 and 2 contain a treatment of the equations of lines and planes. Subsequent chapters offer an exposition of classical elementary surface and curve theory, a treatment of spheres, and an examination of the classical descriptions of quadric surfaces in standard position. An exploration of the theory of matrices follows, with applications to the three-dimensional case of quadric surfaces. The text concludes with a survey of spherical coordinates and elements of projective geometry.

## Book Information

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## Customer Reviews

Abraham Adrian Albert (1905â€“72) taught at the University of Chicago for 40 years and was Chairman of the Mathematics Department from 1958â€“62. His other highly regarded texts include the Dover release *An Introduction to Finite Projective Planes*.

Great book for someone has a solid background in modern algebra and would like to fill in their knowledge of 3-D geometry.

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