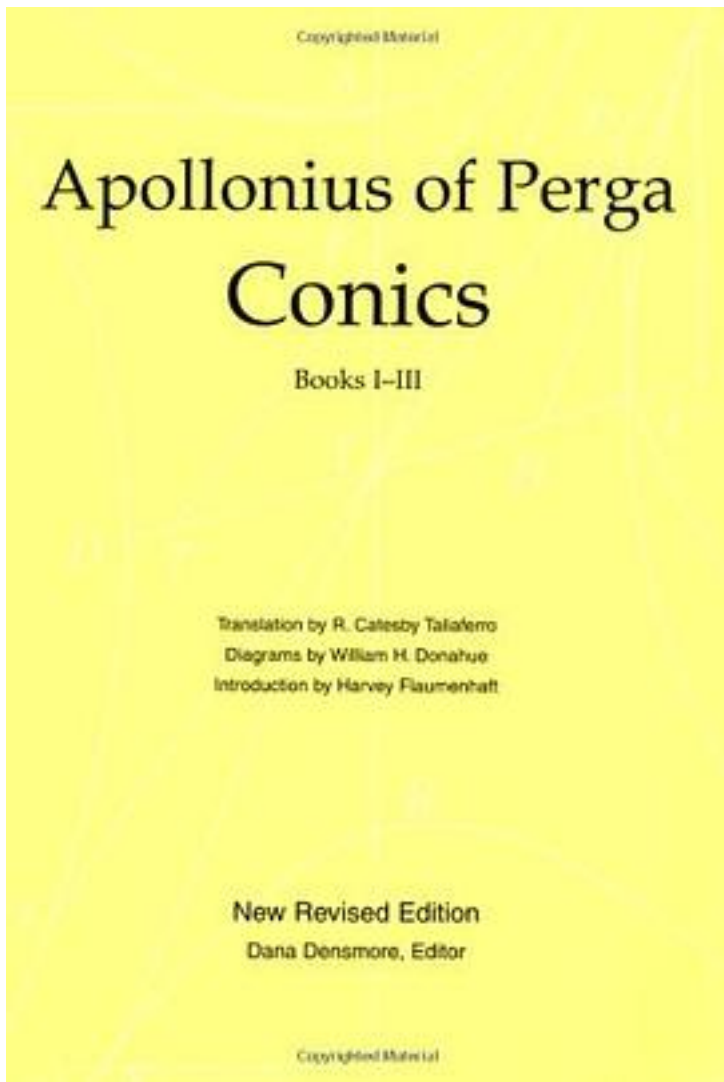


# Conics Books I-III



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著者:Apollonius Of Perga

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## Review

"[Apollonius's Conics] is one of the greatest scientific books of antiquity." "[Apollonius was a] giant, not simply as compared with men of antiquity, but even with men of all times. ... [T]he ingenuity that enabled him to discover so much with imperfect tools [i.e., lacking the arts of analytic and projective geometry] is truly admirable...such achievements pass our imagination, they are almost weird." --George Sarton, from An Introduction to the History of Science and A History of Science

If we want to read for ourselves authors like Kepler and Newton, or if we want to understand the significance of the Cartesian mathematics that has shaped the world we live in and shapes our minds as well<sup>3</sup> either way, whether to understand the past in its own terms or to understand the present as a deliberate transformation of the past<sup>3</sup> we need to study Apollonius." --Harvey Flaumenhaft Dean, St. John's College, Annapolis

## Product Description

The Conics of Apollonius (3rd Century BCE) is the culmination of the brilliant geometrical tradition of ancient Greece. With astonishing virtuosity, and with a storyteller's flair for thematic development, Apollonius leads the reader through the mysteries of these intriguing curved lines, treated as objects of pure mathematics. His work in turn provided a basis for the very differently conceived investigations of modern mathematicians and scientists such as Viète, Descartes, Kepler, and Newton. Reading the Conics is an unparalleled adventure into the highest reaches of human intellectual achievement. This is a completely new edition of Taliaferro's translation of the first three books of Apollonius's Conics, with all new diagrams. It is the only English translation of these books other than Heath's out-of-print version which is a modernized retelling rather than a true translation. Conics Books I--III were formerly included in Volume 11 of the Encyclopedia Britannica's Great Books of the Western World, but the work is no longer included in that series and has been out of print. We made many corrections to the old edition's text, translation, and notes. The book features all new diagrams, an index, a bibliography, and an introductory essay by Harvey Flaumenhaft. Design and layout make it easy to read and work with, with diagrams repeated on every spread, adequate space for notes, and high quality paper to prevent show-through.

作者介绍:

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## 评论

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其实不算难的，跟天文学比起来真是小巫见大巫，只是需要更多的memorization与联系。圆锥体是直线与圆最完美的集合。

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