



## The Cone and Its Sections: Treated Geometrically (Classic Reprint)

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By S A Renshaw

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Excerpt from The Cone and Its Sections: Treated Geometrically Of the works of the ancient Geometricians that have descended to us, none perhaps has been more justly celebrated than the Treatise of Apollonius, of Perga, on the Conic Sections - a work that has, apparently, maintained its superiority over every other Treatise that has since been written on the subject. According to his Commentator, Eutocius, Apollonius was the first to derive the Sections from the Scalene Cone by different inclinations of the Cutting Plane, and in accordance with this derivation of the Curves he deduces the Primary Properties of the Sections from the Cone itself. Modern writers have however to a considerable extent departed from this method - commencing their works by definitions of the Curves described in plano, such definitions being adapted to or derived from Properties of the Curves themselves; a strong tendency has however been shown, and especially by one Geometer of the last century, Hamilton, to revert to the Apollonian method. Accordingly in the present work the Primary Properties of the Sections are...



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