

1. Record Nr.	UNINA9910133223103321
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Titolo	The ellipse [[electronic resource]] : a historical and mathematical journey // Arthur Mazer
Pubbl/distr/stampa	Hoboken, N.J., : Wiley, c2010
ISBN	1-283-20335-9 9786613203359 0-470-59103-X 0-470-59102-1
Descrizione fisica	1 online resource (320 p.)
Disciplina	516.152 516/.152
Soggetti	Ellipse Mathematics - History
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction -- The trail : starting out -- The space : geometry -- The language : algebra -- The universal tool : trigonometry -- The slayer : calculus -- Eight minutes that changed history.
Sommario/riassunto	Explores the development of the ellipse and presents mathematical concepts within a rich, historical context The Ellipse features a unique, narrative approach when presenting the development of this mathematical fixture, revealing its parallels to mankind's advancement from the Counter-Reformation to the Enlightenment. Incorporating illuminating historical background and examples, the author brings together basic concepts from geometry, algebra, trigonometry, and calculus to uncover the ellipse as the shape of a planet's orbit around the sun. The book begins with a discus