

1. Record Nr.	UNINA9910160959103321
Autore	Archimedes
Titolo	Works of Archimedes
Pubbl/distr/stampa	Dover Publications, 2013
ISBN	9780486154398 0486154394
Edizione	[1st ed.]
Descrizione fisica	1 online resource (881 p.)
Collana	Dover Books on Mathematics
Altri autori (Persone)	HeathSir Thomas
Disciplina	510
Soggetti	Geometry -- Early works to 1800 Mathematics, Greek Mechanics -- Early works to 1800 Geometry Mechanics Mathematics Physical Sciences & Mathematics Mathematics - General
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	""Cover""; ""Title page""; ""Copyright page""; ""Preface""; ""Contents""; ""Introduction""; ""Chapter I. archimedes""; ""Chapter II. manuscripts and principal editionsa€?order of compositiona€?dialecta€?lost works""; ""Chapter III. relation of archimedes to his predecessors""; ""A 1. Use of traditional geometrical methods""; ""A 2. Earlier discoveries affecting quadrature and cubature""; ""A 3. Conic Sections""; ""A 4. Surfaces of the second degree""; ""A 5. Two mean proportionals in continued proportion""; ""Chapter IV. arithmetic in archimedes""; ""A 1. Greek numeral system"" ""On the equilibrium of planes, book II."" ""The sand-reckoner""; ""Quadrature of the parabola""; ""On floating bodies, book I""; ""On floating bodies, book II""; ""Book of lemmas""; ""The cattle-problem.""; ""Supplementa€?the method of archimedes follows""
Sommario/riassunto	The complete works of antiquity's great geometer appear here in a highly accessible English translation by a distinguished scholar.

Remarkable for his range of thought and his mastery of treatment, Archimedes addressed such topics as the famous problems of the ratio of the areas of a cylinder and an inscribed sphere; the measurement of a circle; the properties of conoids, spheroids, and spirals; and the quadrature of the parabola. This edition offers an informative introduction with many valuable insights into the ancient mathematician's life and thought as well as the views of his contemporar
