Euclids Elements

The First Book of Euclid's ElementsEuclid's Elements in GreekA Text-book of Euclid's Elements for the Use of Schools, Books I.-IV.Euclid's Elements [book 1-6] with corrections, by J.R. YoungA Text-book of Euclid's Elements for the Use of SchoolsThe school edition. Euclid's Elements of geometry, the first six books, by R. Potts. corrected and enlarged. corrected and improved [including portions of book 11,12].Euclid's Elements with Exercises Instructor's CopyEuclid's Elements of Geometry [Books 1-6, 11, 12] By R. Potts. [Second edition.] Corrected and improvedThe Works of ArchimedesEuclid ElementsEuclid's Elements of geometry, the first two books, with explanatory notes [&c.] by R. Potts. Corrected and improvedEuclid's ElementsThe Thirteen Books of Euclid's ElementsEuclid's elements of geometryAn Appendix to the larger edition of Euclid's Elements of Geometry: containing additional notes on the Elements, a short tract on transverals and hints for the solution of the problems, etc. By R. PottsEuclid's ElementsEuclid's Elements of geometry, the first book, with explanatory notes [&c.] by R. Potts. Corrected and improvedThe First Six Books of the Elements of EuclidA Commentary on the First Book of Euclid's ElementsEuclid's Elements of GeometryEuclid's Elements: Books I, II, III: 1Euclid's Elements of Geometry the First Six Books and the Portions of the Eleventh and Twelfth Books Read at Cambridge..Euclid's ElementsEuclid's Elements Book One with Questions for DiscussionEuclid's Elements of geometry, transl. To which are added, algebraic demonstrations to the second and fifth books; also deductions in the first six, eleventh and twelfth books, with notes, by G. Phillips. Part 1, containing book i-viEuclid's ElementsEuclide's ElementsA school Euclid, being books i. & ii. of Euclid's Elements, with notes by C. MansfordEuclid in Greek: Volume 1The Thirteen Books of Euclid's ElementsEuclid's ElementsEuclid's Elements of GeometryEuclid's Elements of GeometryThe School Edition. Euclid's Elements [Books 1-6.] By R. Potts. Corrected and EnlargedPhilosophy of Mathematics and Deductive Structure in Euclid's ElementsColoured QuadranglesThe Thirteen Books of Euclid's ElementsThe Thirteen Books of Euclid's ElementsEuclid's Elements of geometry [book 1-6, 11,12] with explanatory notes; together with a selection of geometrical exercises. To which is prefixed an intr., containing a brief outline of the history of geometry. By R. Potts. [With] AppendixThe Book of Wonders

The First Book of Euclid's Elements

This text provides an understanding of the classical Greek conception of mathematics as expressed in Euclid's Elements. It focuses on philosophical, foundational, and logical questions and features helpful appendixes.

Euclid's Elements in Greek

The instructor's edition of Euclid's Elements With Exercises is intended as a guide for anyone teaching Euclid for the first time. Although it could be used by anyone, it was assembled and written with small schools or homeschooling groups in mind. In addition to containing the first six books in exactly the format of the student edition (also available on Amazon), the instructor's edition provides a concise overview of the

course, including suggestions for conducting the class, a discussion of the organization of the material, brief comments on supplemental and memory work, and other details about which a new instructor might have questions. It also has notes for the teacher on each of the six books of the Elements, notes on selected exercises, and an appendix explaining the basics of formal reasoning, including an explanation of the converse and contrapositive of a statement and the concept of an indirect proof, which occurs early in Book I. The primary difference between this work and Euclid's Elements as it is usually presented (aside from the fact that there are some exercises), is that, while all of Books I - VI are included in the book, some propositions are omitted in the main body of the text (all omitted propositions are in Appendix A). This was done in order to be able to finish in two semesters all the plane geometry that would normally be covered in a modern geometry class. It should be noted, of course, that the flow of logic of the propositions is never interrupted. This book was not designed for the purist. Although it is pure Euclid and contains all of the first six books, it may offend the sensibilities of some who love Euclid (as the assembler/author does) to fail to place Book II in the expected flow of the main body of the text. For anyone not under a time constraint, or anyone moving quickly through the text, the author strongly recommends the inclusion of Book II in the course flow.

A Text-book of Euclid's Elements for the Use of Schools, Books I.-IV.

Euclid's Elements [book 1-6] with corrections, by J.R. Young

Presents Book One of Euclid's Elements for students in humanities and for general readers. This treatment raises deep questions about the nature of human reason and its relation to the world. Dana Densmore's Questions for Discussion are intended as examples, to urge readers to think more carefully about what they are watching unfold, and to help them find their own questions in a genuine and exhilarating inquiry.

A Text-book of Euclid's Elements for the Use of Schools

The school edition. Euclid's Elements of geometry, the first six books, by R. Potts. corrected and enlarged. corrected and improved [including portions of book 11,12].

Euclid's Elements with Exercises Instructor's Copy

Euclid's Elements of Geometry [Books 1-6, 11, 12] By R. Potts. [Second edition.] Corrected and improved

The first book of euclid with explanatory remarks by Francis Young.

The Works of Archimedes

Euclid Elements

Euclid's Elements of geometry, the first two books, with explanatory notes [&c.] by R. Potts. Corrected and improved

The classic Heath translation, in a completely new layout with plenty of space and generous margins. An affordable but sturdy student and teacher sewn softcover edition in one volume, with minimal notes and a new index/glossary.

Euclid's Elements

Euclid's Elements of Geometry was a book that changed the world. In a sweeping history, Benjamin Wardhaugh traces how an ancient Greek text on mathematics - often hailed as the world's first textbook - shaped two thousand years of art, philosophy and literature, as well as science and maths. Thirteen volumes of mathematical definitions, propositions and proofs. Writing in 300 BC, Euclid could not have known his logic would go unsurpassed until the nineteenth century, or that his writings were laying down the very foundations of human knowledge. Wardhaugh blasts the dust from Euclid's legacy to offer not only a vibrant history of mathematics, told through people and invention, but also a broader story of culture. Telling stories from every continent, ranging between Ptolemy and Isaac Newton, Hobbes and Lewis Carrol, this is a history that dives from Ancient Greece to medieval Byzantium, early modern China, Renaissance Italy, the age of European empires, and our world today. How has geometry sat at the beating heart of sculpture, literature, music and thought? How can one unknowable figure of antiquity live through two millennia?

The Thirteen Books of Euclid's Elements

Euclid's elements of geometry

Euclid's Elements is the most famous mathematical work of classical antiquity, and has had a profound influence on the development of modern Mathematics and Physics. This volume contains the definitive Ancient Greek text of J.L. Heiberg (1883), together with an English translation. For ease of use, the Greek text and the corresponding English text are on facing pages. Moreover, the figures are drawn with

both Greek and English symbols. Finally, a helpful Greek/English lexicon explaining Ancient Greek mathematical jargon is appended. Volume II contains Books 5-9, and covers the fundamentals of proportion, similar figures, and number theory.

An Appendix to the larger edition of Euclid's Elements of Geometry: containing additional notes on the Elements, a short tract on transverals and hints for the solution of the problems, etc. By R. Potts

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Euclid's Elements

Originally published in 1920, this volume contains book one of Euclid's Elements in Greek, together with an introduction and notes section written in English. It was created to provide young students with a contextual understanding of geometry and the development of geometrical principles, one which was increasingly neglected in the standard school textbooks of the time. By returning to the Elements in their original form it was hoped that students would gain a fundamental understanding of the ideas put forward in the text, one which would increase their knowledge and enthusiasm. It was also hoped that the dual process of learning Greek and geometry would be an effective way of impressing content on the mind of the learner. This volume will be of value to anyone with an interest in geometry and the development of pedagogy.

Euclid's Elements of geometry, the first book, with explanatory notes [&c.] by R. Potts. Corrected and improved

This is meant as a guide to give access to the tenth book for those who may have lost faith in the commentaries by Thomas Heath, but who shrink from the long wanderings through the Greek text.

The First Six Books of the Elements of Euclid

A Commentary on the First Book of Euclid's Elements

Euclid's Elements of Geometry

In Proclus' penetrating exposition of Euclid's methods and principles, the only one of its kind extant, we are afforded a unique vantage point for understanding the structure and strength of the Euclidean system. A primary source for the history and philosophy of mathematics, Proclus' treatise contains much priceless information about the mathematics and mathematicians of the previous seven or eight centuries that has not been preserved elsewhere. This is virtually the only work surviving from antiquity that deals with what we today would call the philosophy of mathematics.

Euclid's Elements: Books I, II, III: 1

Euclid's Elements of Geometry the First Six Books and the Portions of the Eleventh and Twelfth Books Read at Cambridge..

Euclid's Elements

Introduction: I. Archimedes. II. Manuscripts and principal editions, order of composition, dialect, lost works. III. Relation of Archimedes to his predecessors. IV. Arithmetic in Archimedes. V. On the problems known as [neuseis] VI. Cubic equations. VII. Anticipations by Archimedes of the integral calculus. VIII. The terminology of Archimedes -- Works: On the sphere and cylinder, books I-II. Measurement of a circle. On conoids and spheroids. On spirals. On the equilibrium of planes, books I-II. The sand-reckoner. Quadrature of the parabola. On floating bodies, books I-II. Book of lemmas. The cattle-problem [including the solution of Wurm's problem by Amthor in Zeitschrift für math. u. phys. [Hist. litt. abth.] v. 25, 1880].

Euclid's Elements Book One with Questions for Discussion

Euclid's Elements of geometry, transl. To which are added, algebraic demonstrations to the second and fifth books; also deductions in the first six, eleventh and twelfth books, with notes, by G. Phillips. Part 1, containing book i-vi

"Byrne considered that it might be easier to learn geometry if colors were substituted for the letters usually used to designate the angles and

lines of geometric figures. Instead of referring to, say, 'angle ABC,' Byrne's text substituted a blue or yellow or red section equivalent to similarly colored sections in the theorem's main diagram."--Friedman.

Euclid's Elements

Euclide's Elements

A new translation of Euclid's 'Elements' together with a comprehensive introduction to each of the 'Elements'' books, all contained in a single volume. Euclid's 'Elements', produced c300 BC, superseded all previous attempts to identify the 'elements' of geometry and became the authoritative work on plane and solid geometry, number theory, proportion, and the irrationals to be relied upon and quoted by later Greek mathematicians. This edition contains a translation of Euclid's 'Elements' and discusses Euclid's methods - the development of axioms (postulates and common notions), the establishment of proofs derived from definitions, axioms and previously made proofs and the use of proof by contradiction. Each of the 'Elements' thirteen books is summarised and discussed in an introductory chapter. There is a fresh look at Euclid's treatment of rationality and commensurability, based as it was on comparisons of straight lines rather than numbers.

A school Euclid, being books i. & ii. of Euclid's Elements, with notes by C. Mansford

The definitive edition of one of the very greatest classics of all time--the full Euclid, encompassing almost 2500 years of mathematical and historical study. This unabridged republication of the original enlarged edition contains the complete English text of all 13 books of the ELEMENTS, plus analyses of each definition, postulate, and proposition.

Euclid in Greek: Volume 1

The Thirteen Books of Euclid's Elements

Euclid's Elements of Geometry, with Greek and English texts in side-by-side columns.

Euclid's Elements

Euclid's Elements of Geometry

Euclid's Elements of Geometry

The School Edition. Euclid's Elements [Books 1-6.] By R. Potts. Corrected and Enlarged

Philosophy of Mathematics and Deductive Structure in Euclid's Elements

First published in 1926, this book contains the first volume of a three-volume English translation of the thirteen books of Euclid's Elements.

Coloured Quadrangles

The Thirteen Books of Euclid's Elements

The Thirteen Books of Euclid's Elements

Euclid's Elements of geometry [book 1-6, 11,12] with explanatory notes; together with a selection of geometrical exercises. To which is prefixed an intr., containing a brief outline of the history of geometry. By R. Potts. [With] Appendix

The Book of Wonders

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