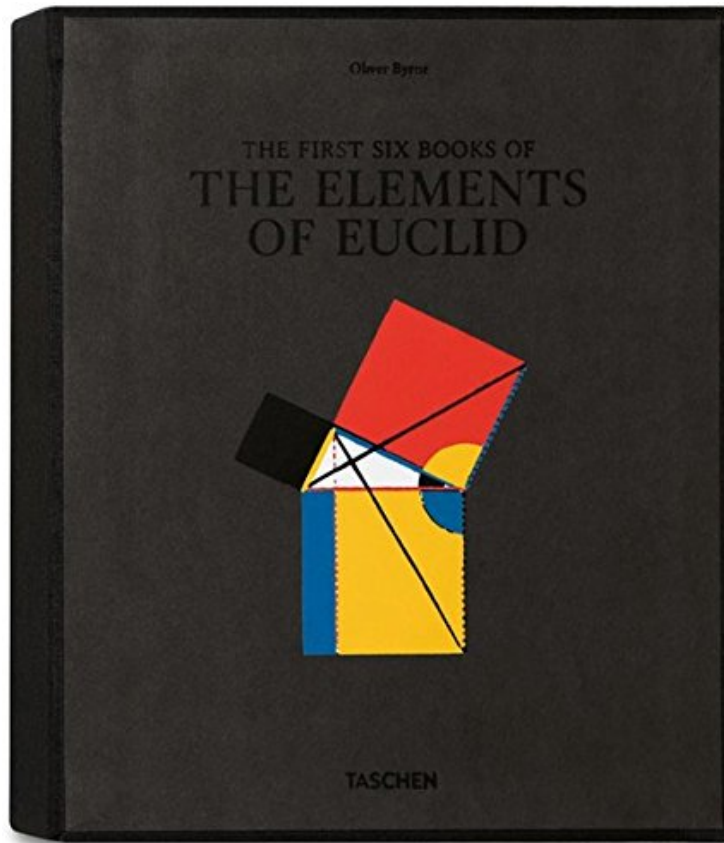


The First Six Books of the Elements of Euclid Oliver Byrne

Werner Oechslin

**Download PDF | ePub | DOC | audiobook | ebooks*



DOWNLOAD



READ ONLINE

#1321113 in Books Taschen 2010-05-25 Original language: English, French, German PDF # 1 2.00 x 8.26 x 10.121, 3.63 #File Name: 3836517752464 pages | File size: 58.Mb

Werner Oechslin : The First Six Books of the Elements of Euclid Oliver Byrne before purchasing it in order to gage whether or not it would be worth my time, and all praised The First Six Books of the Elements of Euclid Oliver Byrne:

29 of 29 people found the following review helpful. The most beautiful math book of the 1800's By Ed Pegg Jr The Byrne book is absolutely gorgeous. Over 130 years ago, Byrne had the idea of removing almost all words from Euclid, and replacing the words with visually obvious color pictures. His demands on the publishers were tremendous. No color printing of this magnitude had been done before (in the 1800's), and they feared the high cost of the book and the high printing cost would bankrupt them. They were right. This book destroyed them. It remained an obscure collectors item. Most mathematicians know nothing about this book, and are stunned when they see the pages. The pages aren't viewable here, but are available at the publisher's site. Well worth a look. Oh... and Euclid's Elements. Most famous math book in the past 2500 years. This is arguably the best presentation of this material ever made. 2 of 2 people found the following review helpful. Magnificent By John C. Wood Do you love Euclid? Do you love color and art? Are you interested in the history of printing or pedagogy? This book is for you. No, it's not the best way you could study Euclid as a newcomer. The use of colors and symbols instead of words can be a little confusing if you're not ready. This book

is certainly geared more toward the lover of all things geometric. And what a marvelous book it is. As a faithful reprint of the 19th Century edition, it comes with warts and all, including some errors and omissions. That's ok. That's what makes this book so special. It comes beautifully bound and packaged, with high quality paper. A lot of love went into this. You will love it too. 0 of 0 people found the following review helpful. Delightful, but perhaps not for everyone. By Consumer I love this book. It takes Euclidian geometry and develops it graphically. Very creative. Very stimulating. If you care about geometry or graphic arts you may find this a treasure you don't need but delight in. Very high quality production, cloth bound hard cover book within a cloth covered box. A word of warning: the book was originally published in the mid 19th century. If this isn't a face mail it is virtually a copy. Consequently the shape of the letters and the language used is early Victorian English, thus not all will find the text easily accessible. Also, given the accessibility issues, do I not think that it is realistic to use this as a textbook to teach a child geometry. An interesting project would be to keep the graphics and rewrite the text in contemporary English. It may be very useful to help the visually oriented to understand geometry.

A rare and beautiful geometry primer from the 19th century. Red, yellow, blue – and of course black – are the colours that Oliver Byrne employs for the figures and diagrams in his most unusual 1847 edition of Euclid, published by William Pickering and printed by Chiswick Press, and which prompt the surprised reader to think of Mondrian. The author makes it clear in his subtitle that this is a didactic measure intended to distinguish his edition from all others: "The Elements of Euclid in which coloured diagrams and symbols are used instead of letters for the greater ease of learners." Byrne is not content to trust solely in the supposed intuitive "logical" structure of Euclid's axioms and theorems – who doesn't know the first famous sentences of Euclid's Elements: "I. A point is that which has no parts. II. A line is length without breadth"? –, but translates them into colourful diagrams and symbols. He thereby thinks in terms of the school classroom: he compares his colours to the dyed chalks in which figures are drawn on the blackboard. Oliver Byrne (c. 1810–c. 1880) was an Irish author and civil engineer. Little is known about his life, though he wrote a considerable number of books. As Surveyor of Her Majesty's Settlements in the Falkland Islands, Byrne had already published mathematical and engineering works, but never anything like his edition on Euclid. This remarkable example of Victorian printing has been described as one of the oddest and most beautiful books of the 19th century. Each proposition is set in Caslon italic, with a four-line initial, while the rest of the page is a unique riot of red, yellow and blue. On some pages, letters and numbers only are printed in colour, sprinkled over the pages like tiny wild flowers and demanding the most meticulous alignment of the different colour plates for printing. Elsewhere, solid squares, triangles and circles are printed in bright colours, expressing a verve not seen again on the pages of a book until the era of Dufy, Matisse and Derain.

About the Author Werner Oechslin (b.1944) studied art history, archaeology, philosophy and mathematics. After doctoral studies in Zurich in 1970 he taught at MIT and Harvard University. Since 1985 he has been a professor at the Swiss Federal Institute of Technology, where he led the Institute for the History and Theory of Architecture from 1986 to 2006. His research focuses on architectural theory and the cultural history of architecture. His most recent publication is *Palladianismus: Andrea Palladio - Werk und Wirkung* (2008). He is the founder of Bibliothek Werner Oechslin in Einsiedeln.