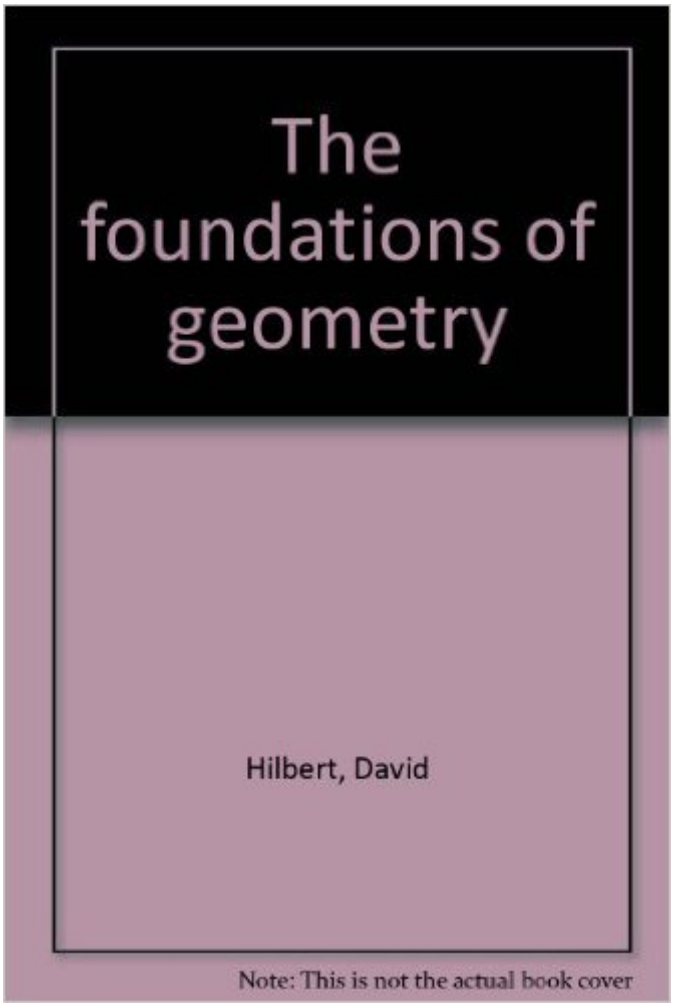
The Foundations Of Geometry



Synopsis

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Book Information

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Product Dimensions: 9.1 x 6.6 x 1.1 inches

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Average Customer Review: 4.0 out of 5 starsÂ Â See all reviewsÂ (20 customer reviews)

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Customer Reviews

This is the first book ever to present the axiomatic foundations of euclidean geometry. The first edition appeared in the nineties of the nineteenth century.Most of the book can be read and appreciated by someone who is mature in elementary euclidean geometry (in fact the material was originally conceived to be used in a summer school for mathematics teachers in Germany). If you expect to find a treatment that will fill up all the gaps in the elementary books you will be disappointed, it does not. If you are looking for a text that does fill all the gaps try to get a copy Forders' book The foundations of Euclidean geometry,.This edition is not based on the last German edition that is available and does not contain the appendices by Hilbert and the supplements by Paul Bernays, so as a text on the foundations of euclidean geometry it is not useless but it is surely crippled.I do not dare to give a book with Hilberts name on it less than five stars.

This book is by far one of the leading texts in geometry. It contains interesting historical facts as well

as an outstanding approach to proofs in an axiomatic system. I would recommend this book to anyone who is interested in pursuing a rigorous endeavor into geometry.

Everything is fine with this book, although it would be better if it was hard cover. But everything is explained in a (usually) understandable manner. There are a few tricky ones, but Venema covers everything well.

This is a book for a person who wants to know the real proofs of the things they are teaching in high school geometry. You could teach yourself many of these proofs and it also offers great references which one could find in case of any confusion.

THE KINDLE BOOK FOR FOUNDATIONS OF GEOMETRY BY DAVID HILBERT HAS PRINT THAT IS VERY SMALL AND CAN NOTBE CHANGED USING THE Aa KEY. I AM WRITING THIS IN THE HOPES THAT THIS FAULT WILL BE CORRECTED

The FORGOTTEN BOOKS edition of Hilbert’s Foundations of Geometry isn’t Hilbert’s Geometry. Notice the number of pages (which I didn’t when ordering it). This publication contains ONLY the diagrams in large format (with a very few absent) from the text of Hilbert’s Geometry. There is no title page or author listed, but this is in fact what the content is from. It is clearly a scan from an old book, so there must be some historical context for it. Maybe someone can clarify the mystery. I give it 5 stars because these comments will probably show up among the reviews of Hilbert’s full text and I don’t want to skew the star rating of the book, but this particular reprint I don’t find of any actual value, except that it’s from Hilbert and there may be some interesting reason why it occurs as an independent publication.Along with this reprint, I also ordered the FB Classic Reprint of Elements of Geometry and Trigonometry by Charles Davies. These two books are the first reprints I’ve purchased from any of the reprint publishers selling on . For more on the quality of Forgotten Books reprints, see my review of Davies’ book. The mysterious Hilbert-diagrams text they sell under the title of Hilbert’s Foundations of Geometry is, I suspect, an anomaly. Besides, their honest page-count should raise questions about the content. Now you know what that content is.

I used the first edition of this book in my Senior level geometry class. It was a very enjoyable book for me. There was a lot of commentary about the history of the subject and concepts pertaining to geometry before it got into the theorem proof section. I really enjoyed the exploration of triangles

and circles.

I hate giving a poor review to a book with Hilbert's name on it. However, this edition is a poorly scanned copy. I'm glad that someone took the time to create a Kindle version, and the price is right. Just be warned in advance that you will have trouble reading this. Check out Gutenberg for the free PDF.