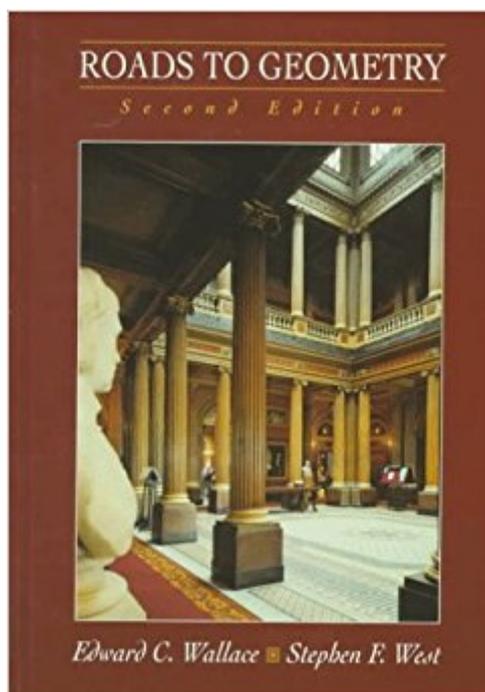


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# Roads To Geometry (2nd Edition)



## Synopsis

Appropriate for junior level college geometry courses. Assumes only a prior course in high school geometry and the mathematical maturity usually provided by a semester of calculus or discrete mathematics. This book provides a geometrical experience that unifies a mostly Euclidean approach with various non-Euclidean views of the world. It offers the reader a "map" for a voyage through plane geometry and its various branches, as well as side-trips that discuss analytic and transformational geometry.

## Book Information

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## Customer Reviews

This book provides a geometrical experience that unifies Euclidean concepts generally discussed in traditional high school geometry courses with various non-Euclidean views of the world. It offers the reader a "map" for a voyage through plane geometry and its various branches, as well as side-trips that discuss analytic and transformational geometry.

This book provides a geometrical experience that unifies Euclidean concepts generally discussed in traditional high school geometry courses with various Non-Euclidean views of the world. The book offers the reader a "map" for a voyage through plane geometry and its various branches. It takes an informal tone while presenting the material in a reasonably rigorous manner as well as organizing it into a logical progression. Chapters are separated into independent units so readers can learn information in bites. Contains a summary at the conclusion of each chapter that includes a list of new definitions and theorems to aid in the organization of the material. Presents Euclidean and

non-Euclidean geometrics with a significant amount of background information, that places much of the development of geometry in an historical context. A valuable reference book on basic geometry for almost any reader seeking additional information on the subject.

This book leaves much to be desired... it does a good job for the most part in explaining some proofs, but a lot of the time, you have to struggle to understand the examples because they aren't always very clear on what they are saying. I did enjoy reading it and I would definitely say I learned a lot, I just wish the book developed ideas a bit more and had more and better visuals. All in all, not a terrible book at all.. just be warned.. it doesn't spoon feed anything, you need to struggle with the text to understand the topics thoroughly. I would have given it a 3.5

This is definitely an old book, but all the pages are there and readable. It is also a pretty good and helpful book for college geometry.

I am currently using this book for an advanced Geometry class. The book works well in conjunction with a well taught class, which I thankfully have. The text contains a lot of information, although not all of the mathematical subtleties are brought to the readers attention, and are either left as exercises or for the student to ponder further. Greater analysis of deep and complex concepts would have been appreciated, and some answers to the problems would have been helpful as well -- the book contains none, which is a shame because the exercises are pretty good and are a requirement to master the material. I can understand why my professor likes this book, but it can be difficult to learn from if you haven't been exposed to the material before, and especially if you need to rely on it as a primary source of information.

This book is an easy read and I can understand it, but some of the problems at the end of the chapters are a little confusing.

Needs more figures describing geometric models.

Works great.

My review is basically a warning about a defective stock of books. I ordered one January 2012 at it was printed backwards, and when I requested a replacement, it was also printed backwards (I

promise I'm not crazy, it really was backwards). They can't replace it a second time, and at any rate, it probably means the whole stock was defective. I let customer service know and they gave me a discount, but I thought I'd put out a warning. If you order this book close to January 2012, you might get a backwards one.

It really depends on what you're looking for. I wanted a text that covers axiomatic geometry in detail. This book doesn't do that, but it's interesting nonetheless. "Axiomatic Geometry" by John Lee and "Elementary Geometry from an Advanced Standpoint" by Edwin Moise turned out to be exactly what I wanted.

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