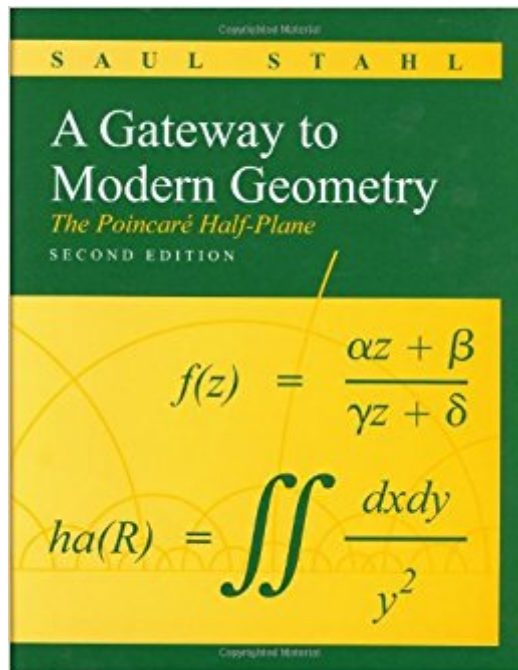**The book was found**

A Gateway To Modern Geometry: The Poincare Half-Plane

Synopsis

Stahl's Second Edition continues to provide students with the elementary and constructive development of modern geometry that brings them closer to current geometric research. At the same time, repeated use is made of high school geometry, algebra, trigonometry, and calculus, thus reinforcing the students' understanding of these disciplines as well as enhancing their perception of mathematics as a unified endeavor. This distinct approach makes these advanced geometry principles accessible to undergraduates and graduates alike.

Book Information

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Average Customer Review: 2.7 out of 5 stars   4 customer reviews

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Customer Reviews

I bought this book for self study and thought it was very good. Good illustrations and worked out examples. If you can't learn hyperbolic geometry from this book you're not trying. I know of no better or easier presentation of the half-plane model of hyperbolic geometry. It also covers other models including Poincare's disc model and the Beltrami-Klein model. If your class didn't follow the book, it's not the books fault. I used this book as my guide to write software creating art with hyperbolic tessellations. See Jamnitzer on Instagram.

Horrible book. Doesnt explain anything whatsoever. I had to learn the material myself from class notes and practice. Dont waste your money. You wont regret not buying this.

This book is succinct. Stahl assumes students remember a lot of material. He skips a lot of steps. If you are novice math student and you are reading this book by yourself, you are screwed.

The home work section rarely follows the pattern of the lesson plan. More often than not questions will simply be asked of the student without prior explanation of the material. I would only recommend this book if you're studying the course with a professor, as it will be plenty frustrating for self-study.

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