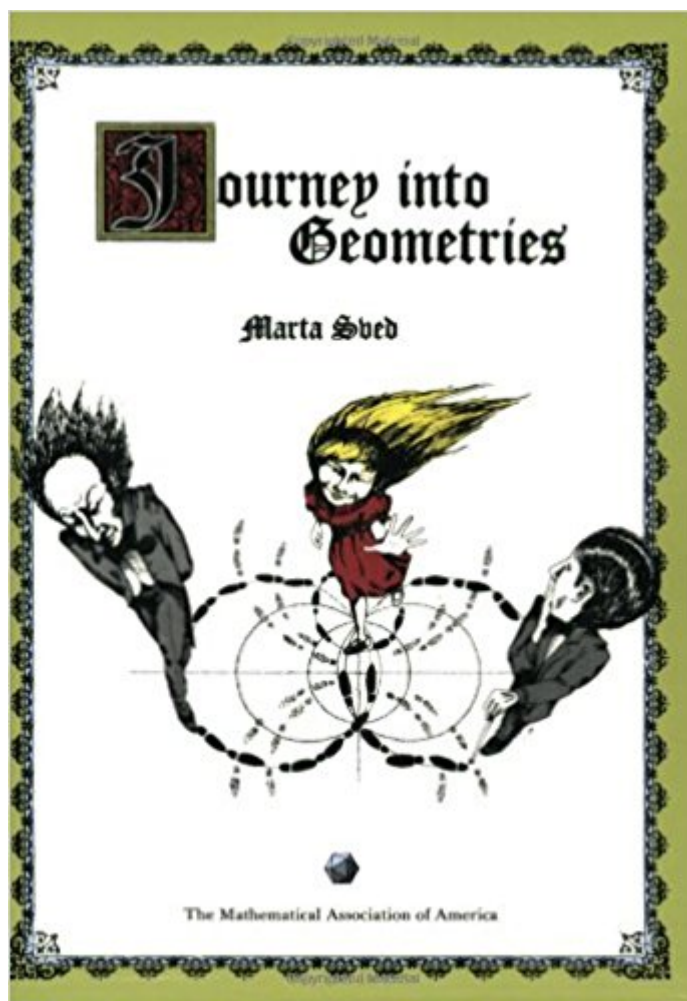


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# Journey Into Geometries (Spectrum)



## Synopsis

This unique book gives an informal introduction into the non-Euclidean geometries through a series of dialogues between a somewhat grown-up Alice (of Looking Glass fame), her uncle Lewis Carroll, and a visitor from the twentieth century, Dr Whatif. In the story, Lewis Carroll's geometrical beliefs are cast into the Euclidean mould, Dr Whatif asks the penetrating and controversial questions, and Alice acts as a mediator and interested participant. The book is intentionally more mathematical than Lewis Carroll's books, but for those of us who enjoyed Alice's earlier adventures there are many interesting flashbacks to those inimitable characters: the Red Queen, Tweedle-Dum and his twin brother, the Mad Hatter ... The text is filled with humour, wit, and verses of poetry. Part 1 contains the story in six chapters, each of which concludes with a problem set; Part 2 is more mathematical, and looks at the axiom systems, and gives solutions to the problems. The presentation, with its old-time borders, script headings, and cartoon drawings evokes the spirit of the original Alice.

## Book Information

Series: Spectrum

Paperback: 182 pages

Publisher: The Mathematical Association of America; 1st THUS edition (July 1997)

Language: English

ISBN-10: 0883855003

ISBN-13: 978-0883855003

Product Dimensions: 6 x 0.4 x 9 inches

Shipping Weight: 10.4 ounces

Average Customer Review: 1.5 out of 5 stars 2 customer reviews

Best Sellers Rank: #2,393,598 in Books (See Top 100 in Books) #91 in [Books > Science & Math > Mathematics > Geometry & Topology > Non-Euclidean Geometries](#) #616 in [Books > Science & Math > Mathematics > Geometry & Topology > Topology](#) #1282 in [Books > Textbooks > Science & Mathematics > Mathematics > Geometry](#)

## Customer Reviews

All prospective teachers of secondary mathematics should be required to study this book both in content and style. -- Choice

This unique book gives an informal introduction into the non-Euclidean geometries through a series

of dialogues between a somewhat grown-up Alice (of Looking Glass fame), her uncle Lewis Carroll, and a visitor from the twentieth century, Dr Whatif.

The only reason why I bought this book was because it was required for my Geometry class. I thought it would be an interesting book, but ohhh my godd was I wrong. The writing was very dry and I honestly understood nothing from it! My professor also sucked at explaining the content, so I was confused the entire semester! It was a waste of my money!!!

I love the idea of the book, to explain math functions in a mix narrative/ theoretical fabric. I would not say the narrative is superficial, but rather, the explanation of "hierarchies" are determined by social relations to class and gender, not influence by the advent of informatics and computer science. The variables, and punchline jokes are not contemporary, quite jarring at female intelligence and acceptance in technical occupations. Certain areas of academia did not exist when this book was written. I would not recommend this book as assigned reading, because it is very hard to distinguish what you need to believe in order to understand the mathematics, mixed with the social injustice accusations of how the world 'is' that certainly ride the tolerance of my attention. I would, perhaps, read this out loud to young students, after practice and editing of the material.

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