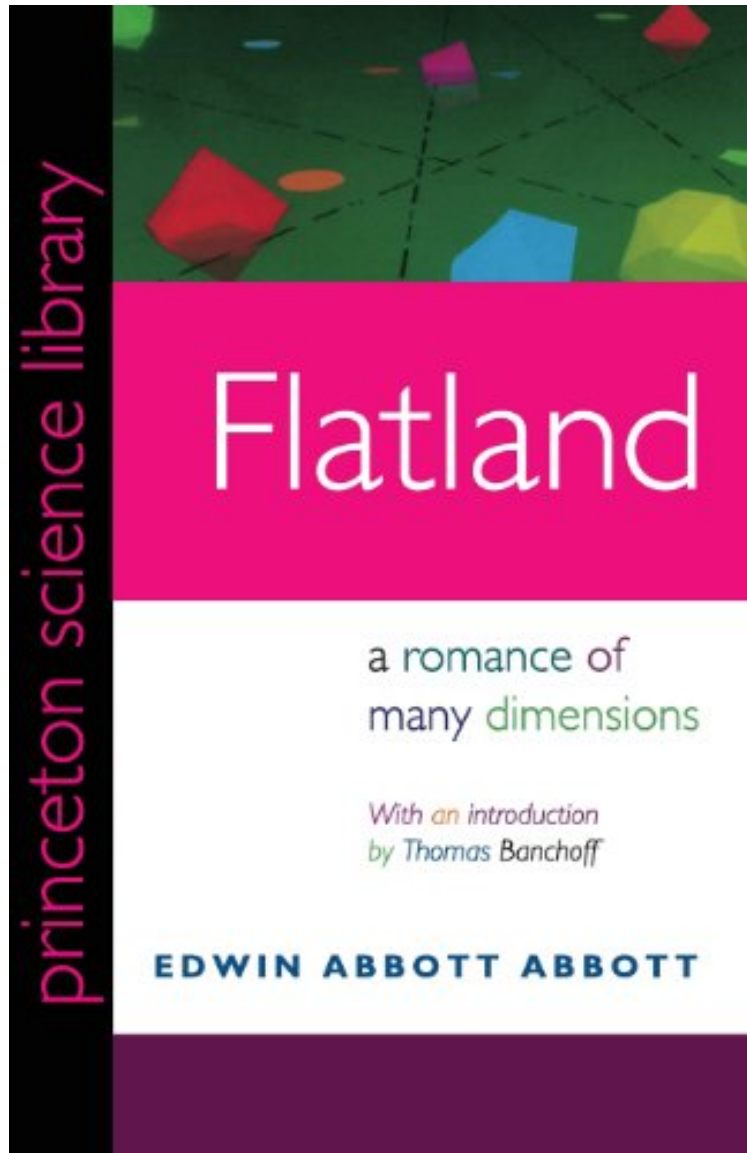


[Download] Flatland: A Romance of Many Dimensions (Princeton Science Library)

## Flatland: A Romance of Many Dimensions (Princeton Science Library)

*Edwin Abbott Abbott*

*audiobook / \*ebooks / Download PDF / ePub / DOC*



DOWNLOAD



READ ONLINE

#2300692 in Books Princeton University Press 2005-10-09 Original language: English PDF # 1 8.50 x .33 x 5.511, .42 #File Name: 0691123667144 pages | File size: 34.Mb

**Edwin Abbott Abbott : Flatland: A Romance of Many Dimensions (Princeton Science Library)** before purchasing it in order to gage whether or not it would be worth my time, and all praised Flatland: A Romance of Many Dimensions (Princeton Science Library):

0 of 0 people found the following review helpful. Flatland takes you on a journey into dimensionsBy innovate riskA

challenging read at first, but one that you recognise you are enjoying as you progress, and you rapidly finish wishing it went for longer. Flatland takes you on a journey into dimensions, exploring how we see the world with our "single" focus, yet there is nothing singular about the dimensions. We are all the dot, the line, the square, the cube, and the 4th dimension... Within the story there is also a message on equality, which from my reading of the author, appears to not be a focus area. However, it is there to read. The judgement, the rationalisation, and the setting of expectations of women. You would think that we would have come further since the 1880s, but alas it seems from an equality perspective we have a long way to go, where we judge the person less for how they look. A short book worth reading, and persist through it, because you leave all the better. 1 of 1 people found the following review helpful. A "point of view" worth exploring. By David Lefavor. Make sure you get the illustrated version. Without them the book makes no sense. I somehow lost my paper copy of this and am glad that there is a kindle version - actually several versions. Some of them lack the illustrations. The story itself requires considerable visualization, even with the illustrations. The acts of envisioning a two-dimensional world by a three-dimensional being such as myself resulted in some very satisfying intellectual gymnastics. Highly recommended and the book invites multiple re-reads. 1 of 1 people found the following review helpful. The irony is beautiful here. This book is a classic short read. By N-Cat. Will asks this question about the book, "How would you describe the characters?" with one of the available answers being "One-dimensional". The irony is beautiful here. This book is a classic short read. The concept of dimensionality has made it into common parlance, so the novelty of this book is a little lost in the modern age; however, read with the spirit of grounding abstract and mathematical ideas in our daily life, this book is a little gem. There are vast swathes of math that have yet to find direct application in engineering or whatnot; however, Abbott shows us that mathematical concepts also have the ability to provide fodder for novel metaphors to use in our daily lives. This helps provide context to our current beliefs and ideas, potentially shedding light on them in some new, thought-provoking way. For such a minimal price and a small demand on your time, I would encourage anyone to pick up this book.

In 1884, Edwin Abbott wrote a mathematical adventure set in a two-dimensional plane world, populated by a hierarchical society of regular geometrical figures—who think and speak and have all too human emotions. Since then Flatland has fascinated generations of readers, becoming a perennial science-fiction favorite. By imagining the contact of beings from different dimensions, the author fully exploited the power of the analogy between the limitations of humans and those of his two-dimensional characters. A first-rate fictional guide to the concept of multiple dimensions of space, the book will also appeal to those who are interested in computer graphics. This field, which literally makes higher dimensions seeable, has aroused a new interest in visualization. We can now manipulate objects in four dimensions and observe their three-dimensional slices tumbling on the computer screen. But how do we interpret these images? In his introduction, Thomas Banchoff points out that there is no better way to begin exploring the problem of understanding higher-dimensional slicing phenomena than reading this classic novel of the Victorian era.

.com Flatland is one of the very few novels about math and philosophy that can appeal to almost any layperson. Published in 1880, this short fantasy takes us to a completely flat world of two physical dimensions where all the inhabitants are geometric shapes, and who think the planar world of length and width that they know is all there is. But one inhabitant discovers the existence of a third physical dimension, enabling him to finally grasp the concept of a fourth dimension. Watching our Flatland narrator, we begin to get an idea of the limitations of our own assumptions about reality, and we start to learn how to think about the confusing problem of higher dimensions. The book is also quite a funny satire on society and class distinctions of Victorian England. "One of the most imaginative, delightful and, yes, touching works of mathematics, this slender 1884 book purports to be the memoir of A. Square, a citizen of an entirely two-dimensional world."--The Washington Post Book World "Flatland has remained of interest for over a century precisely because of its ability to engage its readers on so many different planes in so many different dimensions."--Victorian Studies "This reprint of Abbott's Flatland adventures contains an Introduction by Thomas Banchoff which is worth reading on its own. So if you don't have yet this book at home, go ahead and buy this edition."--Zentralblatt MATH "From the Inside Flap" "Flatland" has and always will be a fun and fascinating journey, showing us again how the world of mathematics can expand the mind and take the imagination to places where it didn't know it could play."--Danica McKellar, actress and author of the best-selling "Math Doesn't Suck" "A fascinating look behind the scenes of the best "Flatland" movie yet. Long live A Square!"--Rudy Rucker, author of "The Fourth Dimension"