



The Language of Mathematics: Making the Invisible Visible

By Keith Devlin

Download now

Read Online 

The Language of Mathematics: Making the Invisible Visible By Keith Devlin

"The great book of nature," said Galileo, "can be read only by those who know the language in which it was written. And this language is mathematics." In *The Language of Mathematics*, award-winning author Keith Devlin reveals the vital role mathematics plays in our eternal quest to understand who we are and the world we live in. More than just the study of numbers, mathematics provides us with the eyes to recognize and describe the hidden patterns of life?patterns that exist in the physical, biological, and social worlds without, and the realm of ideas and thoughts within.

Taking the reader on a wondrous journey through the invisible universe that surrounds us?a universe made visible by mathematics?Devlin shows us what keeps a jumbo jet in the air, explains how we can see and hear a football game on TV, allows us to predict the weather, the behavior of the stock market, and the outcome of elections. Microwave ovens, telephone cables, children's toys, pacemakers, automobiles, and computers?all operate on mathematical principles. Far from a dry and esoteric subject, mathematics is a rich and living part of our culture. An exploration of an often woefully misunderstood subject, *The Language of Mathematics* celebrates the simplicity, the precision, the purity, and the elegance of mathematics.

 [Download The Language of Mathematics: Making the Invisible ...pdf](#)

 [Read Online The Language of Mathematics: Making the Invisibl ...pdf](#)

The Language of Mathematics: Making the Invisible Visible

By Keith Devlin

The Language of Mathematics: Making the Invisible Visible By Keith Devlin

"The great book of nature," said Galileo, "can be read only by those who know the language in which it was written. And this language is mathematics." In *The Language of Mathematics*, award-winning author Keith Devlin reveals the vital role mathematics plays in our eternal quest to understand who we are and the world we live in. More than just the study of numbers, mathematics provides us with the eyes to recognize and describe the hidden patterns of life?patterns that exist in the physical, biological, and social worlds without, and the realm of ideas and thoughts within.

Taking the reader on a wondrous journey through the invisible universe that surrounds us?a universe made visible by mathematics?Devlin shows us what keeps a jumbo jet in the air, explains how we can see and hear a football game on TV, allows us to predict the weather, the behavior of the stock market, and the outcome of elections. Microwave ovens, telephone cables, children's toys, pacemakers, automobiles, and computers?all operate on mathematical principles. Far from a dry and esoteric subject, mathematics is a rich and living part of our culture. An exploration of an often woefully misunderstood subject, *The Language of Mathematics* celebrates the simplicity, the precision, the purity, and the elegance of mathematics.

The Language of Mathematics: Making the Invisible Visible By Keith Devlin Bibliography

- Sales Rank: #77757 in Books
- Brand: Holt Paperbacks
- Published on: 2000-03-13
- Released on: 2000-03-13
- Original language: English
- Number of items: 1
- Dimensions: 9.22" h x .96" w x 6.19" l, .96 pounds
- Binding: Paperback
- 352 pages

 [Download The Language of Mathematics: Making the Invisible ...pdf](#)

 [Read Online The Language of Mathematics: Making the Invisibl ...pdf](#)

Download and Read Free Online *The Language of Mathematics: Making the Invisible Visible* By Keith Devlin

Editorial Review

Amazon.com Review

Keith Devlin is trying to be the Carl Sagan of mathematics, and he is succeeding. He writes: "Though the structures and patterns of mathematics reflect the structure of, and resonate in, the human mind every bit as much as do the structures and patterns of music, human beings have developed no mathematical equivalent of a pair of ears. Mathematics can be seen only with the eyes of the mind." All of his books are attempts to get around this problem, to "try to communicate to others some sense of what it is we experience--some sense of the simplicity, the precision, the purity, and the elegance that give the patterns of mathematics their aesthetic value."

Life by the Numbers, Devlin's companion book to the PBS series of the same name, is heavily illustrated and soothingly low on equations. But as he says, wanting mathematics without abstract notation "is rather like saying that Shakespeare would be much easier to understand if it were written in simpler language."

The Language of Mathematics is Devlin's second iteration of the approach he used in *Mathematics: The Science of Patterns*. It covers all the same ground (and uses many of the same words) as the latter, but with fewer glossy pictures, sidebars, and references. Devlin has also added chapters on statistics and on mathematical patterns in nature. --*Mary Ellen Curtin*

From Scientific American

...he skillfully gives both a history of the subject and a guide through the terrain.... Keith Devlin is an apt teacher of the language.

Review

"Keith Devlin's *The Language of Mathematics* is the perfect book for people who have questions about math they've always wanted to ask but were afraid they wouldn't understand the answers to." ?*Boston Book Review*

"Devlin takes readers on a tour of the numeric underpinnings of everyday life." ?*Wired*

"As Galileo put it, 'The great book of nature can be read only by those who know the language in which it was written. And this language is mathematics.' Keith Devlin is an apt teacher of the language." ?*Scientific American*

"Devlin, who is able to write for generalists, embarks on the sea of numbers, shapes, and patterns. His voyage potentially had sixty or so destinations, the discrete topics that make up mathematics; to manage the trip Devlin limits the port of call to eight . . . Devlin's tour indeed achieves its purpose." ?*Booklist*

"Those interested in a broad take on the history and current state of the art of math should look no further than *The Language of Mathematics*." ?*Publishers Weekly*

Users Review

From reader reviews:

Lavonne Yates:

Spent a free a chance to be fun activity to complete! A lot of people spent their sparetime with their family, or their very own friends. Usually they undertaking activity like watching television, about to beach, or picnic from the park. They actually doing same every week. Do you feel it? Would you like to something different to fill your free time/ holiday? Might be reading a book might be option to fill your cost-free time/ holiday. The first thing that you will ask may be what kinds of reserve that you should read. If you want to try out look for book, may be the reserve untitled The Language of Mathematics: Making the Invisible Visible can be fine book to read. May be it is usually best activity to you.

Manuel Arndt:

The book untitled The Language of Mathematics: Making the Invisible Visible contain a lot of information on that. The writer explains your ex idea with easy means. The language is very straightforward all the people, so do not really worry, you can easy to read this. The book was written by famous author. The author gives you in the new period of literary works. It is possible to read this book because you can read more your smart phone, or product, so you can read the book inside anywhere and anytime. If you want to buy the e-book, you can available their official web-site in addition to order it. Have a nice read.

Tom Tucker:

Is it you who having spare time subsequently spend it whole day by watching television programs or just resting on the bed? Do you need something new? This The Language of Mathematics: Making the Invisible Visible can be the solution, oh how comes? A book you know. You are consequently out of date, spending your spare time by reading in this completely new era is common not a geek activity. So what these ebooks have than the others?

Edmund Hillman:

You can find this The Language of Mathematics: Making the Invisible Visible by visit the bookstore or Mall. Simply viewing or reviewing it might to be your solve problem if you get difficulties for ones knowledge. Kinds of this publication are various. Not only simply by written or printed but additionally can you enjoy this book through e-book. In the modern era including now, you just looking because of your mobile phone and searching what their problem. Right now, choose your own personal ways to get more information about your e-book. It is most important to arrange you to ultimately make your knowledge are still upgrade. Let's try to choose suitable ways for you.

Download and Read Online The Language of Mathematics: Making the Invisible Visible By Keith Devlin #L5R81W7GMZ0

Read The Language of Mathematics: Making the Invisible Visible By Keith Devlin for online ebook

The Language of Mathematics: Making the Invisible Visible By Keith Devlin Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read The Language of Mathematics: Making the Invisible Visible By Keith Devlin books to read online.

Online The Language of Mathematics: Making the Invisible Visible By Keith Devlin ebook PDF download

The Language of Mathematics: Making the Invisible Visible By Keith Devlin Doc

The Language of Mathematics: Making the Invisible Visible By Keith Devlin Mobipocket

The Language of Mathematics: Making the Invisible Visible By Keith Devlin EPub