Visions of Infinity: The Great Mathematical Problems

Ian Stewart

Visions of Infinity: The Great Mathematical Problems

Ian Stewart

Visions of Infinity: The Great Mathematical Problems Ian Stewart
It is one of the wonders of mathematics that, for every problem mathematicians solve, another awaits to perplex and galvanize them. Some of these problems are new, while others have puzzled and bewitched thinkers across the ages. Such challenges offer a tantalizing glimpse of the field's unlimited potential, and keep mathematicians looking toward the horizons of intellectual possibility.

In *Visions of Infinity*, celebrated mathematician Ian Stewart provides a fascinating overview of the most formidable problems mathematicians have vanquished, and those that vex them still. He explains why these problems exist, what drives mathematicians to solve them, and why their efforts matter in the context of science as a whole. The three-century effort to prove Fermat's last theorem—first posited in 1630, and finally solved by Andrew Wiles in 1995—led to the creation of algebraic number theory and complex analysis. The Poincaré conjecture, which was cracked in 2002 by the eccentric genius Grigori Perelman, has become fundamental to mathematicians' understanding of three-dimensional shapes. But while mathematicians have made enormous advances in recent years, some problems continue to baffle us. Indeed, the Riemann hypothesis, which Stewart refers to as the "Holy Grail of pure mathematics," and the P/NP problem, which straddles mathematics and computer science, could easily remain unproved for another hundred years.

An approachable and illuminating history of mathematics as told through fourteen of its greatest problems, *Visions of Infinity* reveals how mathematicians the world over are rising to the challenges set by their predecessors—and how the enigmas of the past inevitably surrender to the powerful techniques of the present.

⬇ **Download** Visions of Infinity: The Great Mathematical Proble ...pdf

📄 **Read Online** Visions of Infinity: The Great Mathematical Prob ...pdf

Download and Read Free Online Visions of Infinity: The Great Mathematical Problems Ian Stewart

---

From reader reviews:

Cora Gallien:

This Visions of Infinity: The Great Mathematical Problems book is not ordinary book, you have it then the world is in your hands. The benefit you obtain by reading this book is information inside this book incredible fresh, you will get details which is getting deeper you read a lot of information you will get. This particular Visions of Infinity: The Great Mathematical Problems without we realize teach the one who studying it become critical in pondering and analyzing. Don't always be worry Visions of Infinity: The Great Mathematical Problems can bring if you are and not make your bag space or bookshelves' turn out to be full because you can have it within your lovely laptop even phone. This Visions of Infinity: The Great Mathematical Problems having good arrangement in word as well as layout, so you will not feel uninterested in reading.

James Jackson:

Here thing why this kind of Visions of Infinity: The Great Mathematical Problems are different and reliable to be yours. First of all reading a book is good however it depends in the content of it which is the content is as delightful as food or not. Visions of Infinity: The Great Mathematical Problems giving you information deeper since different ways, you can find any reserve out there but there is no guide that similar with Visions of Infinity: The Great Mathematical Problems. It gives you thrill reading through journey, its open up your eyes about the thing which happened in the world which is maybe can be happened around you. You can easily bring everywhere like in area, café, or even in your way home by train. In case you are having difficulties in bringing the printed book maybe the form of Visions of Infinity: The Great Mathematical Problems in e-book can be your alternate.

Charles Valentine:

Reading a reserve tends to be new life style in this particular era globalization. With studying you can get a lot of information that may give you benefit in your life. Along with book everyone in this world can easily share their idea. Ebooks can also inspire a lot of people. Many author can inspire their own reader with their story or even their experience. Not only situation that share in the books. But also they write about the knowledge about something that you need instance. How to get the good score toefl, or how to teach your young ones, there are many kinds of book that exist now. The authors on earth always try to improve their proficiency in writing, they also doing some investigation before they write for their book. One of them is this Visions of Infinity: The Great Mathematical Problems.

Ronald Moffatt:

Reading a book to become new life style in this 12 months; every people loves to examine a book. When you study a book you can get a great deal of benefit. When you read publications, you can improve your knowledge, due to the fact book has a lot of information in it. The information that you will get depend on what kinds of book that you have read. In order to get information about your review, you can read education

books, but if you act like you want to entertain yourself you are able to a fiction books, these kinds of us novel, comics, and also soon. The Visions of Infinity: The Great Mathematical Problems offer you a new experience in looking at a book.

Download and Read Online Visions of Infinity: The Great Mathematical Problems Ian Stewart #YIAGMBPZS31

Read Visions of Infinity: The Great Mathematical Problems by Ian Stewart for online ebook

Visions of Infinity: The Great Mathematical Problems by Ian Stewart 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 Visions of Infinity: The Great Mathematical Problems by Ian Stewart books to read online.

Online Visions of Infinity: The Great Mathematical Problems by Ian Stewart ebook PDF download

Visions of Infinity: The Great Mathematical Problems by Ian Stewart Doc

Visions of Infinity: The Great Mathematical Problems by Ian Stewart Mobipocket

Visions of Infinity: The Great Mathematical Problems by Ian Stewart EPub