Sacred Mathematics: Japanese Temple Geometry

Fukagawa Hidetoshi, Tony Rothman

Sacred Mathematics: Japanese Temple Geometry

Fukagawa Hidetoshi, Tony Rothman

Sacred Mathematics: Japanese Temple Geometry Fukagawa Hidetoshi, Tony Rothman

Between the seventeenth and nineteenth centuries Japan was totally isolated from the West by imperial decree. During that time, a unique brand of homegrown mathematics flourished, one that was completely uninfluenced by developments in Western mathematics. People from all walks of life--samurai, farmers, and merchants--inscribed a wide variety of geometry problems on wooden tablets called *sangaku* and hung them in Buddhist temples and Shinto shrines throughout Japan. *Sacred Mathematics* is the first book published in the West to fully examine this tantalizing--and incredibly beautiful--mathematical tradition.

Fukagawa Hidetoshi and Tony Rothman present for the first time in English excerpts from the travel diary of a nineteenth-century Japanese mathematician, Yamaguchi Kanzan, who journeyed on foot throughout Japan to collect temple geometry problems. The authors set this fascinating travel narrative--and almost everything else that is known about temple geometry--within the broader cultural and historical context of the period. They explain the sacred and devotional aspects of *sangaku*, and reveal how Japanese folk mathematicians discovered many well-known theorems independently of mathematicians in the West--and in some cases much earlier. The book is generously illustrated with photographs of the tablets and stunning artwork of the period. Then there are the geometry problems themselves, nearly two hundred of them, fully illustrated and ranging from the utterly simple to the virtually impossible. Solutions for most are provided.

A unique book in every respect, *Sacred Mathematics* demonstrates how mathematical thinking can vary by culture yet transcend cultural and geographic boundaries.

Download and Read Free Online Sacred Mathematics: Japanese Temple Geometry Fukagawa Hidetoshi, Tony Rothman

---

From reader reviews:

April Young:

The book Sacred Mathematics: Japanese Temple Geometry can give more knowledge and information about everything you want. Why then must we leave the good thing like a book Sacred Mathematics: Japanese Temple Geometry? Wide variety you have a different opinion about e-book. But one aim this book can give many facts for us. It is absolutely correct. Right now, try to closer along with your book. Knowledge or facts that you take for that, you could give for each other; you are able to share all of these. Book Sacred Mathematics: Japanese Temple Geometry has simple shape nevertheless, you know: it has great and large function for you. You can look the enormous world by start and read a reserve. So it is very wonderful.

Rubye Carter:

In this 21st millennium, people become competitive in every way. By being competitive now, people have do something to make all of them survives, being in the middle of the actual crowded place and notice simply by surrounding. One thing that often many people have underestimated it for a while is reading. Sure, by reading a reserve your ability to survive enhance then having chance to stand up than other is high. For yourself who want to start reading a new book, we give you this Sacred Mathematics: Japanese Temple Geometry book as nice and daily reading publication. Why, because this book is more than just a book.

Marianne Haglund:

Hey guys, do you wishes to finds a new book to learn? May be the book with the concept Sacred Mathematics: Japanese Temple Geometry suitable to you? The particular book was written by popular writer in this era. Often the book untitled Sacred Mathematics: Japanese Temple Geometryis the main one of several books this everyone read now. That book was inspired a lot of people in the world. When you read this guide you will enter the new dimensions that you ever know ahead of. The author explained their plan in the simple way, consequently all of people can easily to be aware of the core of this book. This book will give you a great deal of information about this world now. To help you to see the represented of the world with this book.

James Martin:

Sacred Mathematics: Japanese Temple Geometry can be one of your basic books that are good idea. Most of us recommend that straight away because this reserve has good vocabulary that could increase your knowledge in vocab, easy to understand, bit entertaining however delivering the information. The author giving his/her effort that will put every word into enjoyment arrangement in writing Sacred Mathematics: Japanese Temple Geometry but doesn't forget the main point, giving the reader the hottest in addition to based confirm resource facts that maybe you can be one among it. This great information can certainly drawn you into brand-new stage of crucial pondering.

Download and Read Online Sacred Mathematics: Japanese Temple Geometry Fukagawa Hidetoshi, Tony Rothman #TL3185UKOGF

Read Sacred Mathematics: Japanese Temple Geometry by Fukagawa Hidetoshi, Tony Rothman for online ebook

Sacred Mathematics: Japanese Temple Geometry by Fukagawa Hidetoshi, Tony Rothman 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 Sacred Mathematics: Japanese Temple Geometry by Fukagawa Hidetoshi, Tony Rothman books to read online.

Online Sacred Mathematics: Japanese Temple Geometry by Fukagawa Hidetoshi, Tony Rothman ebook PDF download

Sacred Mathematics: Japanese Temple Geometry by Fukagawa Hidetoshi, Tony Rothman Doc

Sacred Mathematics: Japanese Temple Geometry by Fukagawa Hidetoshi, Tony Rothman Mobipocket

Sacred Mathematics: Japanese Temple Geometry by Fukagawa Hidetoshi, Tony Rothman EPub