



The Zen of Magic Squares, Circles, and Stars: An Exhibition of Surprising Structures across Dimensions

Clifford A. Pickover

Download now

[Click here](#) if your download doesn't start automatically

The Zen of Magic Squares, Circles, and Stars: An Exhibition of Surprising Structures across Dimensions

Clifford A. Pickover

The Zen of Magic Squares, Circles, and Stars: An Exhibition of Surprising Structures across Dimensions Clifford A. Pickover

Humanity's love affair with mathematics and mysticism reached a critical juncture, legend has it, on the back of a turtle in ancient China. As Clifford Pickover briefly recounts in this enthralling book, the most comprehensive in decades on magic squares, Emperor Yu was supposedly strolling along the Yellow River one day around 2200 B.C. when he spotted the creature: its shell had a series of dots within squares. To Yu's amazement, each row of squares contained fifteen dots, as did the columns and diagonals. When he added any two cells opposite along a line through the center square, like 2 and 8, he always arrived at 10. The turtle, unwitting inspirer of the "Yu" square, went on to a life of courtly comfort and fame.

Pickover explains why Chinese emperors, Babylonian astrologer-priests, prehistoric cave people in France, and ancient Mayans of the Yucatan were convinced that magic squares--arrays filled with numbers or letters in certain arrangements--held the secret of the universe. Since the dawn of civilization, he writes, humans have invoked such patterns to ward off evil and bring good fortune. Yet who would have guessed that in the twenty-first century, mathematicians would be studying magic squares so immense and in so many dimensions that the objects defy ordinary human contemplation and visualization?

Readers are treated to a colorful history of magic squares and similar structures, their construction, and classification along with a remarkable variety of newly discovered objects ranging from ornate inlaid magic cubes to hypercubes. Illustrated examples occur throughout, with some patterns from the author's own experiments. The tesseracts, circles, spheres, and stars that he presents perfectly convey the age-old devotion of the math-minded to this Zenlike quest. Number lovers, puzzle aficionados, and math enthusiasts will treasure this rich and lively encyclopedia of one of the few areas of mathematics where the contributions of even nonspecialists count.

 [Download The Zen of Magic Squares, Circles, and Stars: An E ...pdf](#)

 [Read Online The Zen of Magic Squares, Circles, and Stars: An ...pdf](#)

Download and Read Free Online The Zen of Magic Squares, Circles, and Stars: An Exhibition of Surprising Structures across Dimensions Clifford A. Pickover

From reader reviews:

Scottie Hicks:

What do you with regards to book? It is not important along? Or just adding material when you need something to explain what the one you have problem? How about your time? Or are you busy particular person? If you don't have spare time to do others business, it is gives you the sense of being bored faster. And you have free time? What did you do? Every person has many questions above. They need to answer that question simply because just their can do that. It said that about book. Book is familiar on every person. Yes, it is appropriate. Because start from on jardín de infancia until university need this specific The Zen of Magic Squares, Circles, and Stars: An Exhibition of Surprising Structures across Dimensions to read.

Hubert Drummond:

This The Zen of Magic Squares, Circles, and Stars: An Exhibition of Surprising Structures across Dimensions book is simply not ordinary book, you have after that it the world is in your hands. The benefit you have by reading this book will be information inside this book incredible fresh, you will get data which is getting deeper anyone read a lot of information you will get. This specific The Zen of Magic Squares, Circles, and Stars: An Exhibition of Surprising Structures across Dimensions without we realize teach the one who reading it become critical in contemplating and analyzing. Don't become worry The Zen of Magic Squares, Circles, and Stars: An Exhibition of Surprising Structures across Dimensions can bring when you are and not make your handbag space or bookshelves' come to be full because you can have it with your lovely laptop even telephone. This The Zen of Magic Squares, Circles, and Stars: An Exhibition of Surprising Structures across Dimensions having great arrangement in word and layout, so you will not feel uninterested in reading.

Eric Ballentine:

Nowadays reading books are more than want or need but also turn into a life style. This reading behavior give you lot of advantages. The advantages you got of course the knowledge the particular information inside the book this improve your knowledge and information. The info you get based on what kind of book you read, if you want attract knowledge just go with schooling books but if you want truly feel happy read one having theme for entertaining for example comic or novel. Often the The Zen of Magic Squares, Circles, and Stars: An Exhibition of Surprising Structures across Dimensions is kind of book which is giving the reader unforeseen experience.

Lynn Lambert:

As we know that book is essential thing to add our expertise for everything. By a guide we can know everything you want. A book is a range of written, printed, illustrated as well as blank sheet. Every year had been exactly added. This e-book The Zen of Magic Squares, Circles, and Stars: An Exhibition of Surprising Structures across Dimensions was filled concerning science. Spend your free time to add your knowledge

about your science competence. Some people has diverse feel when they reading any book. If you know how big advantage of a book, you can truly feel enjoy to read a reserve. In the modern era like at this point, many ways to get book you wanted.

**Download and Read Online The Zen of Magic Squares, Circles, and Stars: An Exhibition of Surprising Structures across Dimensions
Clifford A. Pickover #2ZTNVPA09W5**

Read The Zen of Magic Squares, Circles, and Stars: An Exhibition of Surprising Structures across Dimensions by Clifford A. Pickover for online ebook

The Zen of Magic Squares, Circles, and Stars: An Exhibition of Surprising Structures across Dimensions by Clifford A. Pickover 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 Zen of Magic Squares, Circles, and Stars: An Exhibition of Surprising Structures across Dimensions by Clifford A. Pickover books to read online.

Online The Zen of Magic Squares, Circles, and Stars: An Exhibition of Surprising Structures across Dimensions by Clifford A. Pickover ebook PDF download

The Zen of Magic Squares, Circles, and Stars: An Exhibition of Surprising Structures across Dimensions by Clifford A. Pickover Doc

The Zen of Magic Squares, Circles, and Stars: An Exhibition of Surprising Structures across Dimensions by Clifford A. Pickover Mobipocket

The Zen of Magic Squares, Circles, and Stars: An Exhibition of Surprising Structures across Dimensions by Clifford A. Pickover EPub