

Geometry Shapes Our World: Discover the Hidden Mathematics in Everyday Life

Geometry is all around us. It's in the design of our homes, the structure of our bodies, and the very fabric of the universe. But most of us don't realize how much geometry shapes our world.

In her new book, *Geometry Shapes Our World*, Sandra Kent takes us on a fascinating journey through the hidden mathematics that shapes our everyday lives. From the Pythagorean theorem to the golden ratio, Kent shows us how geometry has been used to create some of the world's most beautiful and enduring works of art and architecture.



Geometry Shapes Our World by Sandra Kent

★★★★★ 5 out of 5

Language : English
File size : 5305 KB
Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
Word Wise : Enabled
Print length : 26 pages
Lending : Enabled

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But geometry is not just about aesthetics. It's also essential for understanding the world around us. From the laws of physics to the behavior of living organisms, geometry plays a vital role in shaping our understanding of the universe.

Kent's book is a beautifully illustrated and engaging exploration of the hidden mathematics that shapes our world. It's a must-read for anyone who wants to understand the beauty and power of geometry.

What's Inside the Book?

Geometry Shapes Our World is divided into three parts:

1. **The Basics of Geometry:** This section introduces the basic concepts of geometry, such as points, lines, angles, and shapes. It also covers some of the most important theorems in geometry, such as the Pythagorean theorem and the golden ratio.
2. **Geometry in the Real World:** This section explores how geometry is used in the real world. It covers a wide range of topics, such as the design of our homes, the structure of our bodies, and the behavior of living organisms.
3. **The Future of Geometry:** This section looks at the future of geometry. It discusses some of the latest developments in geometry, such as the use of geometry in artificial intelligence and the development of new geometric materials.

Who Should Read This Book?

Geometry Shapes Our World is a must-read for anyone who wants to understand the beauty and power of geometry. It's perfect for students, teachers, artists, architects, engineers, and anyone else who is interested in the world around them.

About the Author

Sandra Kent is a professor of mathematics at the University of California, Berkeley. She is the author of several books on geometry, including *The Joy of X* and *Mathematics: The Loss of Certainty*.

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