



Fractals--Seeing Nature's Hidden Dimension: An Interactive Book for Children and their Parents

Sara Deutsch

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FRACTAL MAGIC FOR CHILDREN AND THEIR PARENTS

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FRACTALS--Seeing Nature's Hidden Dimension is an interactive book, for children from 7-14 years old and their parents, about opening our eyes to see the strange, beautiful forms of fractals everywhere. The whole universe is fractal, and seeing fractals can change the way you look at your world! In this richly illustrated book with 40 images, you will see fractals in trees, leaves, landscapes, water, rivers, clouds, flowers, snow, lightning, vegetables, biological networks, birds and sea creatures, as well as the author's inspired, fractal paintings.

Old Euclidean math deals with simple smooth shapes like points, lines, circles, cubes and squares, It's useful for describing things that people make--buildings, bridges, industrial goods--but can't explain the rough, irregular shapes found in nature. "Clouds are not spheres, mountains are not cones, coastlines are not circles," said Mandlebrot, who coined the word, "fractal." This new geometry allows us to describe the unpredictable: the timing and sizes of earthquakes, fluctuations in financial markets and the variation in a person's heartbeat.

Fractals are not only mysterious and beautiful; they are useful, inspiring scientists in medicine, genetics, engineering, astronomy and ecology. Fractals can diagnosis diseases, create new products, like cell phone antennae. They create realistic alien environments in science fiction movies. like Star Trek and Star Wars, special effects and games, and dazzling art and music.

Most importantly, fractals change the way we see the world. Recognizing the chaotic, fractal nature of our world gives us new insight, and wisdom. It can teach us to trust our intuition, and gut instincts. Fractal geometry inspires us to study nature and find order in what seems random. FRACTAL THINGS TO DO, the final chapter of the book shows how children, as well as adults, can create their own fractals, and offers suggestions for learning more about nature's hidden dimension and the thumbprints of creation.



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Jack Evans:

Reading can called head hangout, why? Because when you find yourself reading a book specifically book entitled Fractals--Seeing Nature's Hidden Dimension: An Interactive Book for Children and their Parents your mind will drift away trough every dimension, wandering in each aspect that maybe mysterious for but surely will become your mind friends. Imaging each word written in a guide then become one application form conclusion and explanation which maybe you never get before. The Fractals--Seeing Nature's Hidden Dimension: An Interactive Book for Children and their Parents giving you another experience more than blown away the mind but also giving you useful details for your better life in this particular era. So now let us demonstrate the relaxing pattern here is your body and mind are going to be pleased when you are finished studying it, like winning a casino game. Do you want to try this extraordinary shelling out spare time activity?

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In this particular era which is the greater man or who has ability in doing something more are more important than other. Do you want to become among it? It is just simple strategy to have that. What you should do is just spending your time almost no but quite enough to experience a look at some books. On the list of books in the top record in your reading list will be Fractals--Seeing Nature's Hidden Dimension: An Interactive Book for Children and their Parents. This book that is qualified as The Hungry Hillsides can get you closer in getting precious person. By looking upward and review this publication you can get many advantages.

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