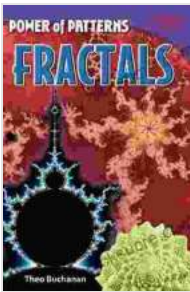


Fractals: Mind-Blowing Patterns That Repeat Forever

Fractals are geometric patterns that are self-similar at different scales. This means that they look the same whether you zoom in or out. Fractals can be found in nature, art, and even mathematics. They are often used to create computer-generated images and animations.



Power of Patterns: Fractals (Time for Kids Nonfiction Readers) by Pat Dorsey

★★★★☆ 4.2 out of 5

Language : English

File size : 6556 KB

Screen Reader : Supported

Print length : 48 pages



One of the most famous fractals is the Mandelbrot set. The Mandelbrot set is a set of complex numbers that is generated by a simple mathematical equation. When the equation is graphed, it creates a complex and beautiful fractal pattern.

Fractals are also found in nature. For example, the branching patterns of trees and the spirals of seashells are both examples of fractals. Fractals can also be found in art. For example, the famous painting "Starry Night" by Vincent van Gogh contains many fractal patterns.

Fractals are a fascinating and complex subject. They are a reminder that the world around us is full of hidden beauty and wonder. If you are interested in learning more about fractals, there are many resources available online and in libraries.

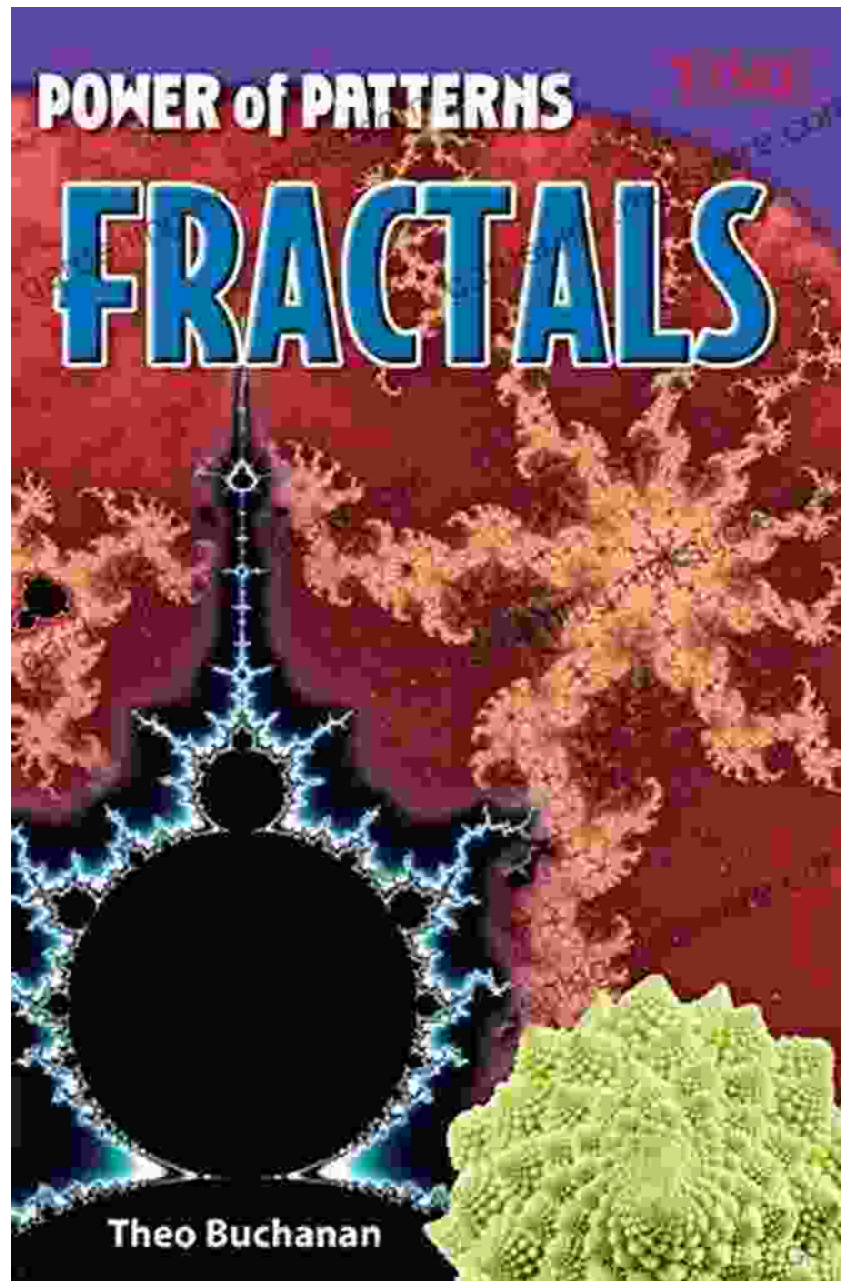
Here are some interesting facts about fractals:

- Fractals are often used to create computer-generated images and animations.
- The Mandelbrot set is one of the most famous fractals.
- Fractals can be found in nature, art, and even mathematics.
- Fractals are a reminder that the world around us is full of hidden beauty and wonder.

Here are some examples of fractals:

- The branching patterns of trees
- The spirals of seashells
- The coastline of Great Britain
- The surface of a cauliflower
- The Mandelbrot set

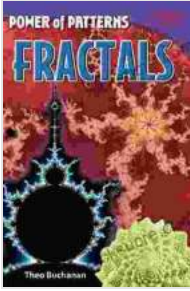
Fractals are a fascinating and complex subject. They are a reminder that the world around us is full of hidden beauty and wonder. If you are interested in learning more about fractals, there are many resources available online and in libraries.



This is an example of a fractal pattern. It is a computer-generated image that is based on a mathematical equation. The pattern repeats itself at different scales, creating a complex and beautiful design.

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