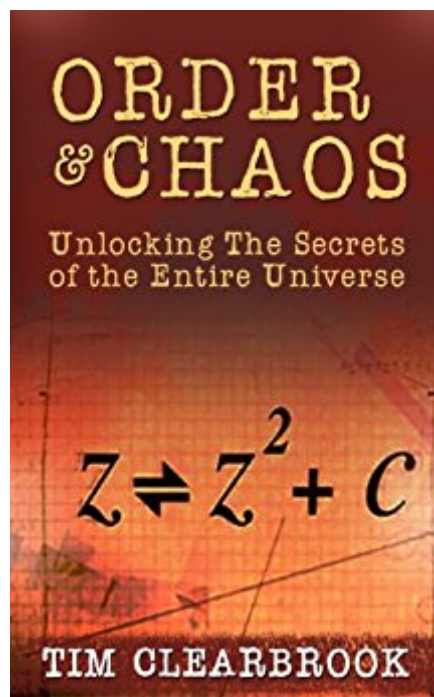


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# Order In Chaos: How The Mandelbrot Set & Fractal Geometry Help Unlock The Secrets Of The Entire Universe! (Mandelbrot Set, Fractal Geometry)



## Synopsis

HOW THE MANDELBROT SET AND FRACTAL GEOMETRY UNLOCK THE SECRETS OF THE ENTIRE UNIVERSE! Today only, get this book for just \$2.99. Regularly priced at \$4.99. Read on your PC, Mac, Smartphone, Tablet or Kindle device. This book will change the way you look at the world. It will open your eyes and help you to see the beauty in nature and everyday life. I guarantee it! You're about to discover who Benoit Mandelbrot is and how his fractal geometry discovery changed the world and even how mathematicians and scientists look at the whole universe. There is a certain mathematical formula that when let loose will continue to reproduce itself and re-iterate over and over again, at a smaller scale. This is precisely how everything you see in nature and the universe works. This one simple formula, when explained, unlocks the secrets of the entire universe! Here Is A Preview Of What You'll Learn... The Prehistory of Fractals What Is a Fractal? Fractal Geometry The Mandelbrot Set Unlocking the Secrets of the Universe The Universe in the Eyes of Mathematicians Order in Chaos Much, much more! Download your copy today! Take action today and download this book for a limited time discount of only \$2.99! Tags: Benoit Mandelbrot, Mandelbrot Set, Mandelbrot, Fractal Geometry, Order In Chaos, Math, Science, History, Universe, Nature, Secret life of chaos, Chaos, Order, Deep Thoughts, Secrets of the Universe -

## Book Information

File Size: 1956 KB

Print Length: 26 pages

Simultaneous Device Usage: Unlimited

Publication Date: January 14, 2014

Sold by: Digital Services LLC

Language: English

ASIN: B00EPS8OP6

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Not Enabled

Screen Reader: Supported

Enhanced Typesetting: Enabled

Best Sellers Rank: #145,964 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #8

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inÃ Â Books > Science & Math > Mathematics > Pure Mathematics > Fractals #146 inÃ Â Kindle  
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## Customer Reviews

Incomprehensible! And not in a good way. I mean it's not just that the subject is deep and hard to comprehend. It is more like "Is this person writing in English?"

Learning math at this level is probably THE BEST WAY to understand YOU, your family, peers, history and political powers. For us human beings to be birthed into the world, the Math has to be precise so to get deep within the secrets of the Universe, it takes some serious Math to decode them. Very Interesting.

Essential

I'm shocked. This book it's better than I thought. Very useful and easy to read. I thought it would be boring but the author really knows how to write a good and interesting book. 100% recommended!

I really enjoyed this book. I don't know how, but the author takes a fairly complex subject and he takes it down to earth. I just read it in one sitting! Great read, it's totally worth it

Does not at all live up to the hype in its title. It is essentially a math and physics text, and a very short one at that. It also has some suprascript problems in its format.

This strange little compendium of self-published notions describing Benoit Mandelbrot's conception of fractals was enjoyable to read and provided some information to a non-mathematician about the idea of fractals. There was some heavy reliance on formulas that require advanced mathematics to interpret. Those readers (like myself) have to skim over them and get to the principles that Mandelbrot had in mind. It is about bringing order to chaos. Most everything material in the world is in a state of constant flux and seemingly immeasurable. At least it cannot be formulated in traditional ways. Mandelbrot set to creating mathematical formulae that would organize fluctuation into comprehensible terms. And to that end create beautiful structures such as snowflakes. The authors used the over written and trite example

“how does one determine the length of the coast of Great Britain?” I used to know how to do that without understanding fractals. You begin with a ball of string that is many thousands of miles long. Then you walk along the coast and unravel the string, securing it at different sequences and once you circumnavigate the land and return to your starting point you simply clip the string from its ball and roll it up into its own ball. You unravel that and measure its length. Voila! it would seem until someone questioned at which tide was the measurement taken? The concept of “fractals” was introduced in 1868 by Felix Hausdorff. It is from the Latin, fractus or “break into irregular fragments”. It was Mandelbrot who took the notion to its completeness prior to dying about 4 years ago. He spearheaded a movement to rearrange the idea of Chaos Theory popularized in the book Chaos by James Gleick, into “Complexity Theory”. Mandelbrot ordered the chaotic and turbulent material world into some order with his fractal geometry. This is done using non-Euclidean and non-linear geometry and no attempt will be made here to define those terms. That is left to a certain scientific “faith” that Mandelbrot was successful. His thinking has been used to the satisfaction of many in the mathematical and scientific world. Some time ago I had a zeal to discover in what worlds of science was complexity theory used. To determine this I used Google Scholar to send me results of papers published in peer reviewed journals. There were many. It seems that physicists studying “flows” were the predominant scientists using fractal technology and geometry. They studied atmospheric flow but most of the articles were about ground navigation such as traffic congestion and railroad patterns. The articles were all written in fairly obscure journals and the idea of complexity theory and fractals has heavily influenced the non-western scientists. It was adopted as a viable methodology almost exclusively in Asia. Fractals for all of the interesting things that can be done using that geometry, have not had a big impact on western practices yet (if ever). To this reader one lacking in most scientific and mathematical arenas, the beauty of fractals is unquestionable but the practicality of their use is up in the air. It reminds me of string theory in that in a formula it works elegantly but how it is used in the practical world is nebulous. I am in no way questioning its veracity since there is no skillset here to do that. I watch the observations, comments and uses in the sciences that I read about to see how new ideas are accepted and fractals have not mounted a significant case for their utility. They are fascinating though.

What can I say; upon reading the title and the first paragraph I felt enthused and ready to be

engulfed into a beautiful exposition of some aspects of the modern theory of dynamical systems. After reading the first few pages, convoluted thoughts began to hiss into my mind. After completing the next page, I already began to doubt that this book is not an anecdote. Later the expectation was that when I get to the last page the author would state that this was a prank intended to teach you to always be alert and pay attention to what you are told. I couldn't believe my eyes! However the author is dead serious!!! For the mathematically literate community: the situation here is akin to how a guru/deacon/spiritual healer would acquire a very (VERY) serious attitude towards the theory of non-linear partial differential equations of elliptic type and try hard to explain it to the wider community. should probably take note of this. This is like selling candies past the expiration date.

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