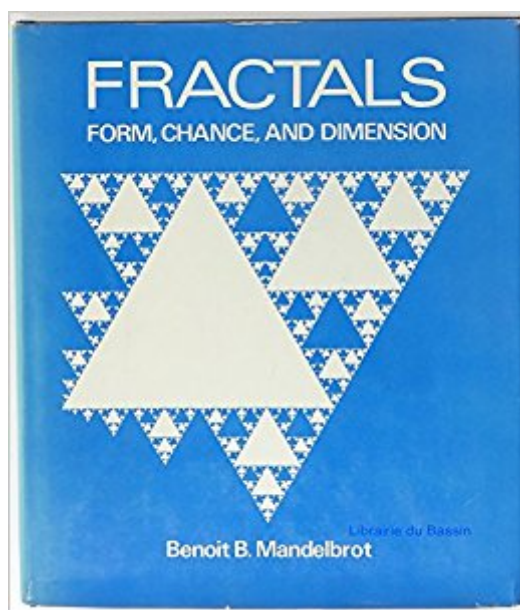


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# Fractals: Form, Chance And Dimension



## Synopsis

an informal mathematical treatment

## Book Information

Hardcover: 365 pages

Publisher: W.H.Freeman & Company; 1st edition (January 1, 1977)

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## Customer Reviews

Text: English, French (translation)

It is turning out, according to the latest research (NIMH sponsored) that the basic "Atoms of thought" are fractals. I had this book but somebody "Borrowed it" and naturally I never got it back. I am a "Mind-Brain Researcher" with 5 books on fractals and fractal dynamics, which were started by the Jewish-Polish mathematician Benoit Mandelbrot. (Mandelbrot means "Mendel's Bread" in Yiddish and is a type of pastry. Dr. Mandelbrot's discoveries in the latter part of the 20th Century regarding fractals, self-similarity, fractal forms on the complex plane in science, have created entire new areas of activity in Mathematics, Biology, Neurobiology and Physics, so all educated people ought to have at least an introductory awareness of this area. in fact a new reprint of this book is a "Must" for the Medical-Scientific Community.

bought it for my grandson because i believe it is still the best book on fractals.I bought a copy the first month it came out (way back when) and have found it exceptionally thought provoking.

Great book

I read this book at a local library, and to someone who does not have a mathematical background AND is not familiar with the different mathematical writers and theories, I don't see how you can get a lot out of this book. I'm sure it is well written and goes through enough detail to make its point clear, but if you don't know what I just mentioned, it just goes over your head. You would need to do additional research just to learn those theories so that you can come back to this book and get more out of it. To the lay person who is interested in fractals, this is not a good introductory book. For you I would recommend seeing his TED videos or watching the video "Fractals: The hidden dimensions" To an experienced mathematical and mathematical theory person, this is a great introduction to fractals. Update: I recently read his follow up book, The Fractal Geometry of Nature, in it Mandelbrot states that the book Fractal Geometry of Nature "largely replaces the book Fractals, Form and Dimension." He attributes it to data/info he collected that needs to be revised in his 1st book. So to him this book is out of date. Furthermore, his newer book I mentioned is essentially a rewrite of his 1st book. So forget this book.

This is hard because... Not only is this a collector's item (I'm should frame it), it's a great entry into the underlying concepts of fractal geometry. why is this out of print?

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