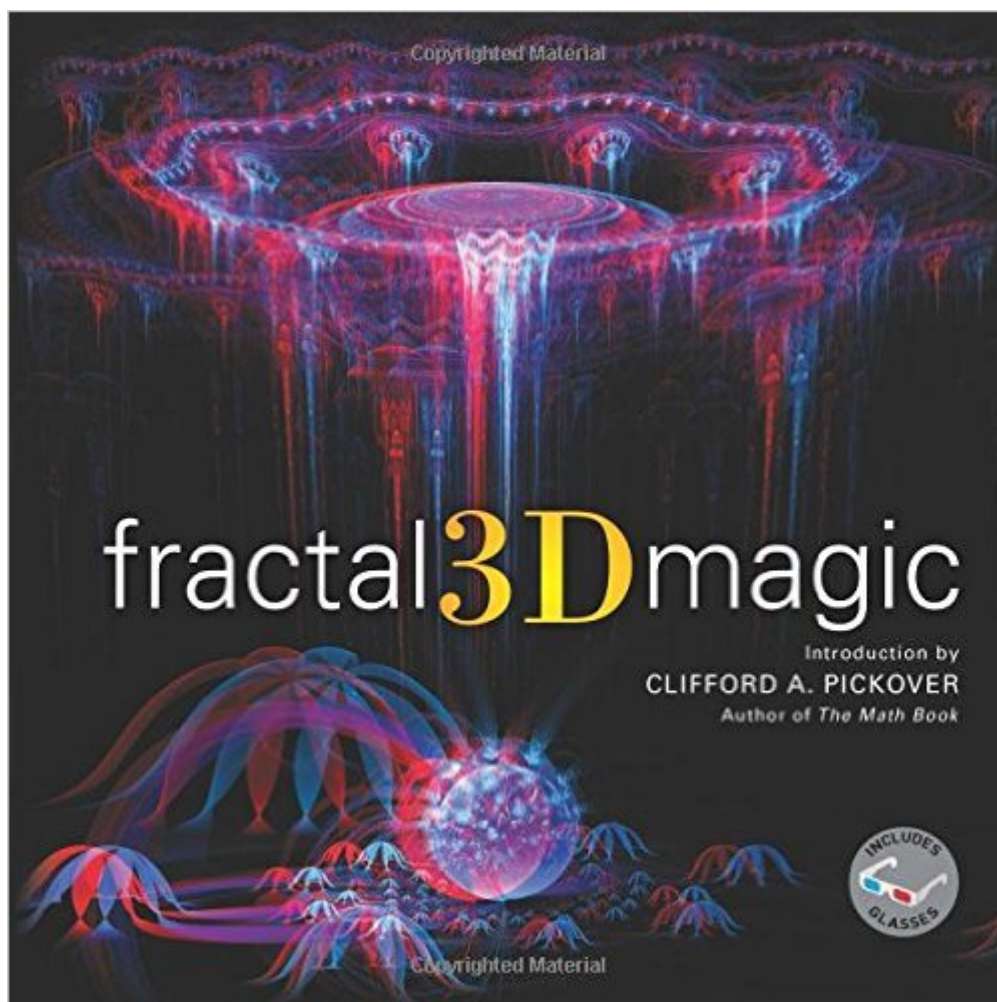


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# Fractal 3D Magic



## Synopsis

This groundbreaking 3D showcase offers a rare glimpse into the dazzling world of computer-generated fractal art. Prolific polymath Clifford Pickover introduces the collection, which provides background on everything from the classic Mandelbrot set, to the infinitely porous Menger Sponge, to ethereal fractal flames. The following eye-popping gallery displays mathematical formulas transformed into stunning computer-generated 3D anaglyphs. More than 200 intricate designs, visible in three dimensions thanks to the enclosed 3D glasses, will engross math and optical illusions enthusiasts alike.

## Book Information

Hardcover: 160 pages

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Shipping Weight: 1.5 pounds (View shipping rates and policies)

Average Customer Review: 4.8 out of 5 starsÂ Â See all reviewsÂ (11 customer reviews)

Best Sellers Rank: #385,913 in Books (See Top 100 in Books) #40 inÂ Books > Science & Math > Mathematics > Pure Mathematics > Fractals #172 inÂ Books > Arts & Photography > Other Media > Digital #419 inÂ Books > Science & Math > Mathematics > Geometry & Topology

## Customer Reviews

Clifford Pickover, author of The Math Book, brings us a real treat in his Fractal 3D Magic. There are 150 pages of 3D images, interspersed with a few pages of explanation. The fractal images, all generated mathematically, look like alien landscapes, flowers, cultivated fields, creatures, and futuristic architecture. It is all a lot of fun. Ever since I was exposed to 3D images at an early age, I have been a fan. The book comes with viewing glasses having a red and a blue filter, one for each eye. Images which produce a 3D effect using two color filters are called anaglyphs. The system has been around for a long time. Once you have the glasses, you can enjoy the many images. There are videos that can be found on the web. NASA even has 3D photos of the surface of Mars. Fractal 3D Magic starts with explanations of the Mandelbrot Set and the Julia Set followed by spirals, sponges, carpets, gaskets, and flames, but the text is only a small part of the book. It is all about the images. So put on your colored glasses and enjoy the fractal anaglyphs.

An excellent book, with some of the best anaglyph 3D I've ever seen - and I own literally hundreds. Several of these images really pop off the page. Most are clear, with little ghosting. Highly recommended.

TIP #1: Flip the book upside down for double the awesomeness - all of the images will be inverted!!

TIP #2: Grab a little flash light and you can almost see deeper into images that have stuff in the shadows! Top quality well made book. Images are out of this world! Very cool! Just get it! Get a few to give as gifts.

Made me fall in love with fractals again! however, I will remove 1 star because some of these 3D pages were still flat-ish, and yet, some images later on made me say, "now THIS is in 3D"

WOW! WOW! WOW! WOW! WOW! WOW! WOW! WOW! WOW! WOW! WOW! WOW! WOW! WOW! WOW! WOW! Everyone from 7 year old to grandma loves it. Finally, I can show my kids something that math is good for that they can relate too. Downloaded Electric Sheep app too as recommended in book. Love it too.

fantastic 3d effects, very cool pictures. can't recommend more highly if you're into 3d or fractals.

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