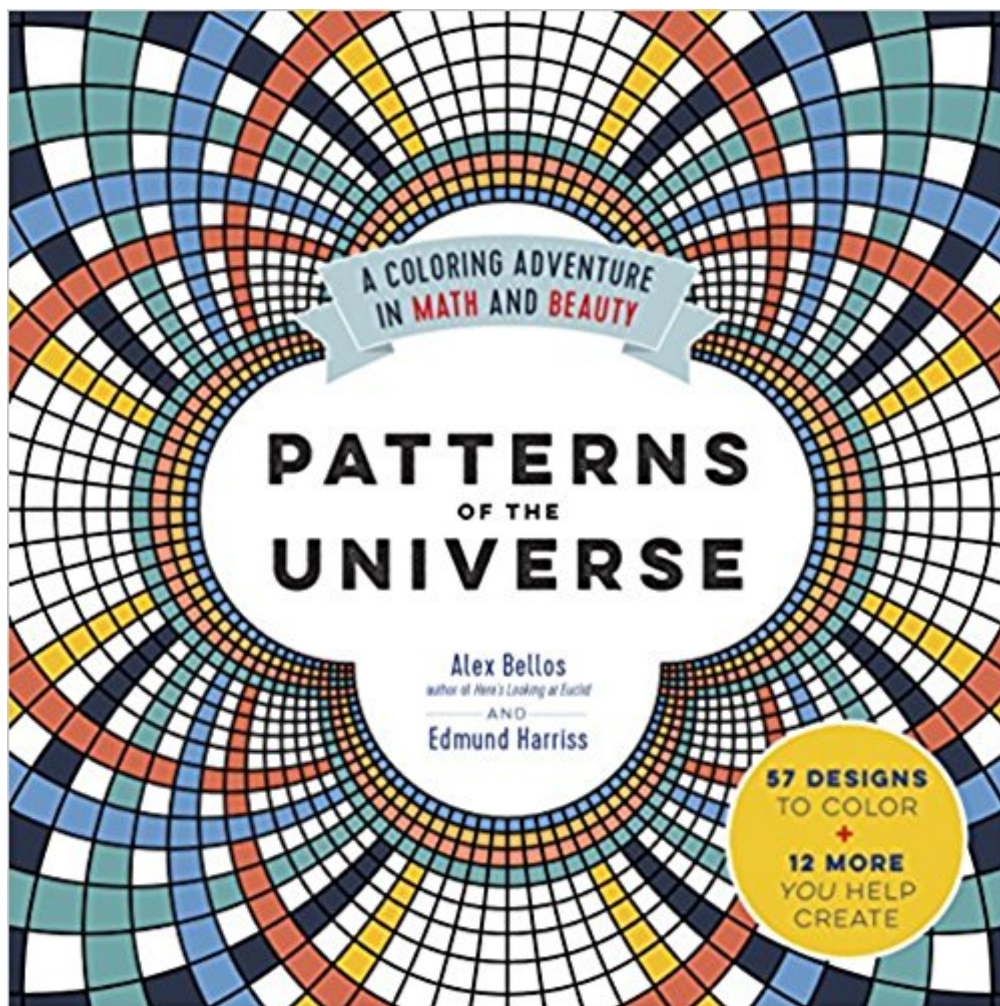


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# Patterns Of The Universe: A Coloring Adventure In Math And Beauty



## Synopsis

An ingenious coloring book that reveals math's hidden beauty and contemplative power as never before Publisher's note: Find even more mathemagical coloring in Visions of the Universe, new in December 2016! Contemplate the Patterns of the Universe as you color! Math is at the heart of many natural wonders and has an abstract beauty all its own in the silhouette of a snowflake, the spiral seeds of a sunflower, and the symmetry of the Sri Yantra mandala. From the 4-D hypercube that casts a starlike shadow, to the infinite pattern of Penrose tiles that never perfectly repeats, these 57 exquisite designs reveal their secrets as you fill them with color. Art becomes an act of discovery no math knowledge is required! In the bonus Creating section, as you join dots, flip coins, and follow other simple steps, 12 surprising images will emerge before your eyes. This is an adventure for all ages and a treasure for artists in Numberland!

## Book Information

Age Range: 8 and up

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Best Sellers Rank: #45,901 in Books (See Top 100 in Books) #11 in Books > Humor & Entertainment > Puzzles & Games > Math Games #13 in Books > Humor & Entertainment > Puzzles & Games > Magic #49 in Books > Humor & Entertainment > Puzzles & Games > Logic & Brain Teasers

## Customer Reviews

2016 Academics' Choice Smart Book Award Winner One of's Best Books of the Month in Crafts, Hobbies & Home "Illustrations designed to introduce doodlers to a range of challenging mathematical principles." "Science "Flipping through this new coloring book is a mesmerizing journey. From perfect hexagonal tilings to luscious sine waves to nautilus shell spirals, every line illustration by mathematical artist Edmund Harriss (and a handful of

others) brings a hypnotic sense of harmony. **Science Friday** “Enough coloring inside the lines” it’s time to start coloring inside the cosines. **WIRED** “Think coloring books are just for little kids? Think again. **Boys’ Life** “An intricate, geeky coloring book for adults. **Independent on Sunday** “A beautiful math coloring book offering young and old alike the joy of patterns that are pleasing and rigorous, regular and creative, all at the same time. **Cădric Villani**, Fields medalist and author of *Birth of a Theorem* “A math coloring book for kids and adults . . . Irresistible! **Steven Strogatz**, author of *The Joy of x* “I wouldn’t have expected anything less from math adventurer Bellos and mathematical artist and tiling fan Harriss, whose personalities both come through in the book •from the beautiful illustrations to the playful style. . . . The range of types of math on display is super. . . . A beautiful object. **Aperiodical blog** “This is big fun. . . . Just looking at these pages is a treat •they have a life all their own, even before color is applied. . . . A coloring book with a sharp new angle. **The Papercraft Post blog** “Adds a bit of braininess to the relatively simple act of coloring while keeping the stress-relieving benefits. **Adult Coloring 101**

Alex Bellos; bestselling popular math books have been translated into more than 20 languages. He writes about math for the Guardian and frequently speaks at conferences, in schools, and beyond. The Association of British Science Writers named his blog the Best Science Blog of 2016. Bellos is also the coauthor of two math coloring books with Edmund Harriss and the inventor of LOOP, an elliptical pool table. Illustrator Edmund Harriss is a well-known mathematical artist and a clinical assistant professor of mathematics at the University of Arkansas. He is the discoverer of the “Harriss spiral.” His research has appeared in *Nature* and in publications of the National Academy of Science and the American Mathematical Society. He has led many math workshops, including at the Museum of Mathematics in New York, and is the academic director of a summer camp for mathematically gifted students.

Whoever said coloring books are for kids was dead wrong. This coloring book is amazing. Unfortunately it’s nearly identical to the other book by the same author, *Snowflake Seashell Star: Colouring Adventures in Numberland*. If you already have the other book you can skip this one as many of the designs are identical. If you’ve never seen either please read on. This book has page after page of amazing designs and patterns that will keep you

entertained and occupied for hours. The book also shows how to create your own patterns and designs and includes several geometric based games and activities. The pictures range from fractals to repeating geometric shapes to organic designs like cells. It also includes images made of animals, knots, etc. The designs range from simple to incredibly intricate. It's the perfect time to break out that huge set of colored pencils. This is the perfect gift for anyone who likes to doodle or appreciates geometry and symmetry.

Fascinating and soothing mostly abstract patterns printed on one side. Markers will bleed through so use a paper behind. The markers may also hide the text description of the next pattern if the colors are dark-- If you like markers perhaps begin from the back of the book and work forward so you have the text while you are working on the pattern. The last chapter shows you how to create your own patterns. I saw the fractal pattern and realized it looked like the aura I get when a migraine is coming on. I became absorbed trying to capture the feeling of pulsing colors. The patterns are so fundamental you can find what you need in them.

Got this as a gift for my sister. She loves coloring mandelas, and loves the patterns and explanations. But the paper bleeds through. Her solution was to scan the design and print on a better quality paper. It would work fine with colored pencils or crayons, but not gel pens.

Dazzling and calming at the same time, this unique coloring book combines mathematics and art in a way that delights. Color the patterns and create your own. I'd highly recommend for yourself or for a gift. So cleverly, artistically, and creatively done. Even my 5 year old daughter loves it.

Gorgeous when colored! My suggestions are 1. some of the designs have such tiny spaces they're impossible to color i.e. fractals. Maybe if you had a needle tip and a magnifying glass....2. They need to have tear out pages so we can lay them flat, 3. thicker paper to accommodate markers & watercolor pencils (thin paper bleeds). Nevertheless I love this book.

What a beautiful set of patterns to color! What I also really like about the book is it tells the origin of the patterns. There are also some patterns you can create with the help of the authors in this book. Such a neat coloring book!

I recently started to color and find it very relaxing and helps me focus as well. I wanted something a

little more challenging than the art store variety and found it in Patterns of the Universe. I am not a mathematician but that was not a problem. I chose my own colors that felt right to me. Recommend if you want a more color challenge.

I love the patterns, a unique coloring book! I regret that the pages don't rip out, and that the book is small compared to others I have. It is also thick, and tightly bound, so hard to lay flat. Only able to use chalk, since markers with bleed through. With a bit of redesign, this would be a great coloring book!

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