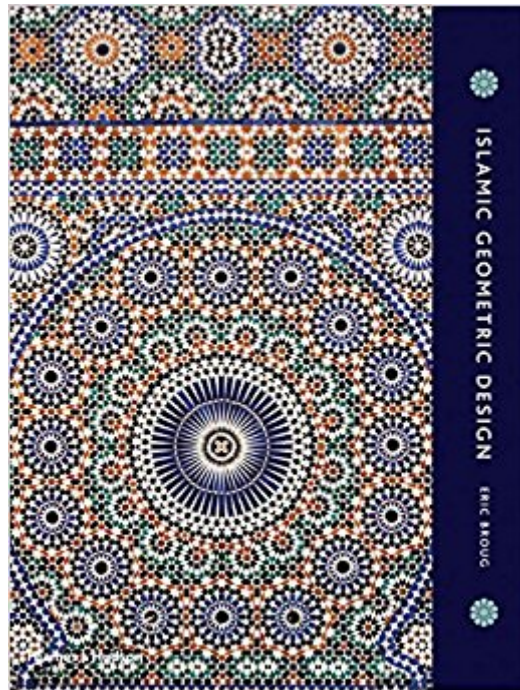


The book was found

# Islamic Geometric Design



## Synopsis

Combines wide-ranging research with the author's artistic skills to reveal the techniques used to create the patterns adorning buildings in the Islamic world. Islamic geometric designs are admired worldwide for their beauty and marvelous intricacy, yet they are seldom understood. In this handsomely illustrated volume, Eric Broug analyzes and explains these complex designs in their historical and physical context. Broug shows how, over the centuries, craftsmen were able to adorn buildings with wonderful geometric patterns using the simplest of tools and without recourse to mathematical calculations. Design elements created from straight lines and circles were placed in grids and then repeated and varied to generate seemingly limitless arrays of breathtaking patterns. Chapters are devoted to each of the main families of geometric design—fourfold, fivefold, and sixfold—and to the complex combined patterns. Readers can follow the design processes by which these patterns were created and even learn to reproduce and invent geometric patterns for themselves. Broug's original drawings accompany photographs of mosques, madrasas, palaces, and tombs from the Islamic world, ranging from North Africa to Iran and Uzbekistan, and from the eighth to the nineteenth centuries. 800 illustrations in color and black and white.

## Book Information

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## Customer Reviews

This book is amazing. I have had it for a couple weeks and find it hard to put down. It will appeal to anyone who loves Islamic art: the photographs are outstanding and it could be displayed on any coffee table with pride. Yet, for the artist and designer, it is a treasure trove of images and ideas.

Broug meticulously analyzes every design, and there are instructions in the back of the book that show you how to recreate many of them. I could also see this book (as well as Broug's "Islamic Geometric Patterns") being used by teachers: art teachers who want to introduce their students to Islamic design and math teachers who wish to bring geometry to life.

Impressive book that's light years beyond his first. It's right up there with the few others that are both beautiful and useful, like Arabesques. Decorative Art in Morocco, Zillij: The Art of Moroccan Ceramics, The Minbar of Saladin: Reconstructing a Jewel of Islamic Art, The Topkapi Scroll -- Geometry and Ornament in Islamic Architecture (Sketchbooks & Albums), and Islamic Art and Architecture: The System of Geometric Design. And perhaps it's the first one to get, based on content and price.

Eric Broug improves on his second work on the subject of Islamic Art. There are not many resources on this subject and you would do well with this one. It is beautifully bound, on display in my home in fact. The pictures inside do something I have never seen done: they show an image as an example of Islamic Art and then dissect it for the artist informing them how it is done. Illuminating and important insight into this fading artform.

Handsome book. This book does not discuss wall paper symmetry groups. It is more a compass and ruler approach. Very handsomely laid out, with photos of historical sources. On the web, javascript, symmetry graphics, maybe found for free, search: Escher Sketch. Using this software without compass, ruler, or paper one can see patterns unfold quickly. But they will be low resolution and imprecise. Using Adobe illustrator more precise work covering many tiles may be quickly laid out. There is some info on this on the net, but no book available at this time on practical islamic design with computer. If you want to go hands on with pencil and paper, then graph paper both, squares and isometric may be useful. This book stays within the limits of Islamic design, as per it's title and does not explore either tessellations per-se, or Escher type permutations - for that material see these books: "M.C. Escher: Visions of Symmetry" by Doris Schattschneider , Introduction to Tessellations Paperback â “ 1990 by Dale Seymour, Jill Britton Designing Tessellations 1999 by Jinny Beyer Arabic Geometrical Pattern and Design by J. Bourgoïn , for B&W line art only Eric's book is special for having color photographs of the both originals tiles and architecture where one may no longer want to visit, as well as the compass and ruler construction methods that go with the design in question. I have focused on the geometry, and not repeated the other reviewers, but I agree with

them that it is a wonderful book. It is huge.

I am a math teacher and have recently become interested in the geometry underlying the Islamic tile patterns in mosques and other buildings. I originally took this book out of my school library, but loved its beauty so much that I had to buy it for myself.

Beautifully produced book. I found the step by step instructions to reproduce the patterns extremely practical. Inclusion of the historical context makes this book an absolute joy to read. Reintroduces the unparalleled aesthetic beauty of traditional Islamic design to our contemporary world.

Anyone interested in geometric drawing or patterns or architecture would enjoy this book. Architectural pictures of buildings in the Islamic world are clear, close and concise. The book even shows you how to draw the featured geometric patterns.

You will not find a finer explanation of the intersection of math and aesthetics in Islamic art. Exquisite book. If I only had one book on Islamic art and architecture, this would be it.

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