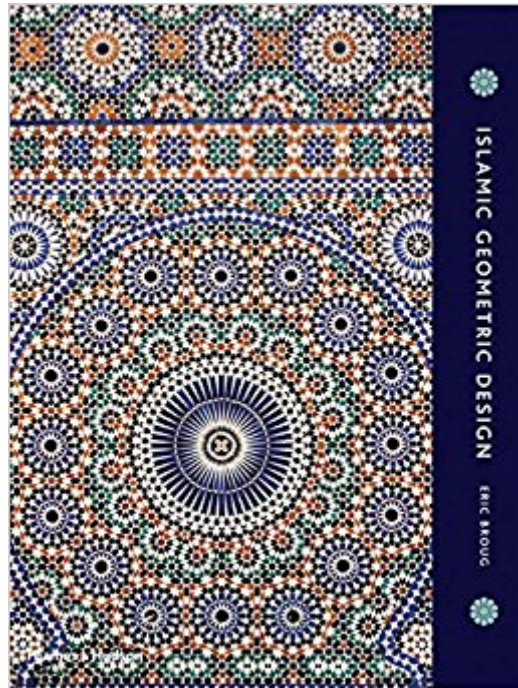




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# Islamic Geometric Design



## 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

“A rich collection.” - Islamic Horizons “An exemplary and detailed practitioner account of Islamic pattern design. . . . the lush photographic images are accompanied by visualized formal analysis that gives the patterns conceptual depth. . . . Highly recommended.” - Choice “An

extremely effective and thorough work on the geometric designs found throughout Islamic art and architecture and the process by which these designs were created. . . . Well written, well-thought-out, and extremely well-illustrated. Enthusiastically recommended.â• - Library JournalâœThis visually stunning look conveys the beauty and complexity of Islamic patterns . . .â• - Saudi Aramco WorldâœA hybrid of coffee-table, informational, and how-to book.â• - ProtoviewâœUniquely comprehensive. . . . Clearly written so that a total understanding of the material is possible for specialist and novice alike.â• - American Journal of Islamic Social Sciences

Eric Broug, originally from the Netherlands, received his Masters degree in the history of Islamic art and architecture from the School of Oriental and African Studies, London. He runs Broug Ateliers for Islamic Architecture, Arts and Crafts in Yorkshire, which creates contemporary Islamic art. He is the author of Islamic Geometric Patterns.

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.

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.

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.

Wow! This books has it all from the basic geometry to the buildings and complex drawings from which they originate. Many hours of study and practice in my future.

I've always been in awe of Islamic art and architecture. This book is very well-illustrated and has a lot to tell the reader about the techniques in Islamic designs.

very detailed and well done. Exactly what I was I wanting so that I could further understand this art form. Almost academic in its descriptions with wonderful illustrations, explanations and photography.

Wonderful, beautiful book. Well produced with great diagrams, photos and hard to find information about construction.

Very good photographs and explanation of design

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