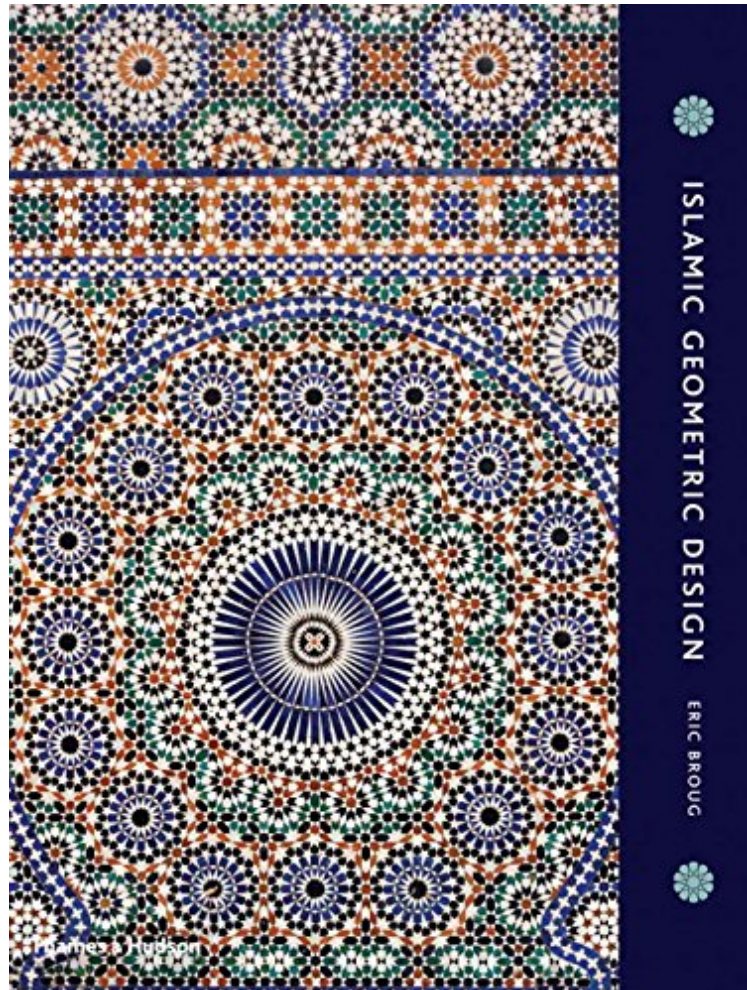


# Islamic Geometric Design

*Eric Broug*

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**Eric Broug : Islamic Geometric Design** before purchasing it in order to gage whether or not it would be worth my time, and all praised Islamic Geometric Design:

5 of 5 people found the following review helpful. but loved its beauty so much that I had to buy ...By Carol E. GibbonsI 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.0 of 0 people found the following review helpful. A Great BookBy Dianne MayAbsolutely fantastic. I've been looking for a book like this for a long time. Beautiful. Clear explanations. And directions for creating many of the designs. If you have any interest in Islamic art, this is the book.5 of 5 people found the following review helpful. Gorgeous Book, Highly RecommendedBy Art DogYou 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.

Combines wide-ranging research with the authors 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

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. - *Library Journal* This visually stunning look conveys the beauty and complexity of Islamic patterns . . . - *Saudi Aramco World* A hybrid of coffee-table, informational, and how-to book. - *ProtoView* Uniquely comprehensive. . . . Clearly written so that a total understanding of the material is possible for specialist and novice alike. - *American Journal of Islamic Social Sciences* About the Author 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*.