



# Islamic Design: A Genius for Geometry

*Daud Sutton*

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## **Islamic Design: A Genius for Geometry** Daud Sutton

Throughout their long history the craft traditions of the Islamic world evolved a multitude of styles applied to a great variety of media but always with unifying factors that make them instantly recognizable. Harmony is central. There are two key aspects to the visual structure of Islamic design, calligraphy using Arabic script-one of the world's great calligraphic traditions-and abstract ornamentation using a varied but remarkably integrated visual language. This art of pure ornament revolves around two central themes; crystalline geometric patterns, the harmonic and symmetrical subdivision of the plane giving rise to intricately interwoven designs that speak of infinity and the omnipresent center; and idealized plant form, spiraling tendrils, leaves, buds and flowers embodying organic life and rhythm.

- 1. WIDE APPEAL:** Anyone interested in science, mathematics, design, architecture, and the natural world.
- 2. AUTHORITATIVE:** A compelling blend of scholarship and visual presentation, packs an enormous amount of information into a short space.
- 3. BEAUTIFUL PACKAGE:** A bargain at \$10.00. Winner of First Prize for Nonfiction at the New York Book Show
- 4. SERIES PURPOSE:** All are aimed at bringing ancient wisdom forward into the 21st century.
- 5. INSPIRING:** The perfect entrée into a challenging topic; will inspire other reading.

## **Islamic Design: A Genius for Geometry Details**

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Genre : Art, Design, History, Science, Mathematics, Religion, Islam, Architecture

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# From Reader Review Islamic Design: A Genius for Geometry for online ebook

**Bactriana says**

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**Vincent Sargenti says**

A good book for those interest in this kind of design.

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**David Antoš says**

Nice little book. Too short for all the technical details though and more of historical context would be appreciated. Islamic design is beautiful.

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**Raffaele says**

Splendido libricino con spiegazioni chiare e profonde che mettono in collegamento la visione filosofica e religiosa islamica con la produzione artistica e decorativa strettamente legata alla modulazione di elementi geometrici che rendono perfettamente la relazione fra Uno e Multiplo, fra essenza divina ed infinita emanazione concreta.

Anche l'infinito gioco del design applicato alla decorazione e all'alfabeto è reso magistralmente.

L'oggetto libro è esso stesso estremamente piacevole da tenere fra le con la sua carta a grana grossa e il suo formato contenuto e delicato.

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**Davoud Taghavi says**

A rather small book, rather nicely edited and done. Can not say that there is much here in the way of details and is simply a very small introduction to design and very basic geometry.

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**Aneel says**

Awesome. Really good explanations of how the patterns are derived. Lots of beautiful diagrams.

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### **Peter says**

"Very good"

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### **Carlos Said says**

Easy to read, a bit hard to follow on the ordered diagrams. But overall I could spend a long time looking at the patterns and relating them to what I read. Do read with some internet pictures of islamic sites and designs =>

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### **Matteo says**

normally math books about multiculturalism look really boring. i saw this by the cash register at the bookstore, flipped the pages, and it's great!

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### **Fred Kohn says**

A cool little book. I was hoping for more explanation between Islamic theology and geometry. There was a bit of that, but a great deal more of statements such as "Two ninths of a full turn,  $80^\circ$ , plus three elevenths of a full turn, approximately  $98.2^\circ$ , is very close to  $180^\circ$ . This allows the rhombic arrangement of two enneagons and two endecagons ..." Since it has been over 40 years since my last geometry class, the whole book was rather slow going for me.

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### **Nora says**

This book has made me realise how incredibly complex (and near-impossible) geometric design and art is. Yikes.

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### **Mina says**

A small introductory book, very basic in its actual content (a short, fun read). Good graphics with nicely curated patterns and geometries.

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### **Sally says**

just delicious

