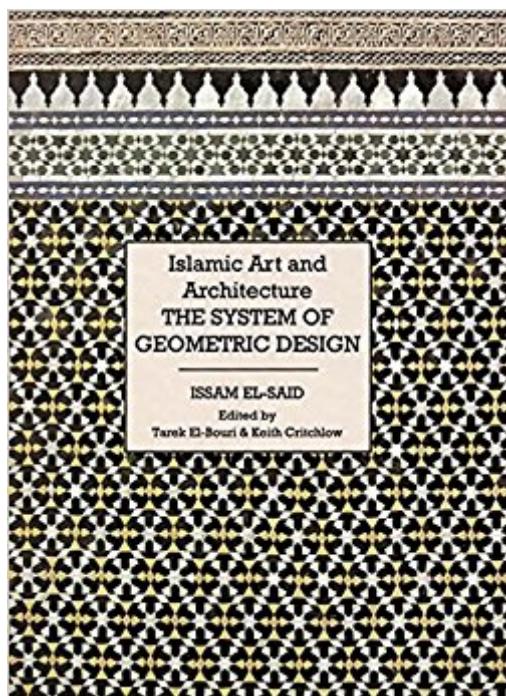The book was found

Islamic Art And Architecture: The System Of Geometric Design

Synopsis

Issam El-Said pinpoints the rules of composition that form the basis of the geometric concepts of Islamic art. He then shows how intricate patterns are based on these basic principles. Fully illustrated in three colors to show the development of the patterns, this book offers an insight into how craftsmen and designers in the Muslim world achieved monumental feats of artistic expression using the simplest of tools. Chapter I presents graphical analyses of numerous complex patterns, to reveal the numerical rationale behind them. In Chapter II, the author analyses the system of measure used in ancient Egypt, before the use of numbers for calculating measurements. He shows how measuring cords and a geometric method based on a grid-pattern originating from the circle were employed by master craftsmen in the design of Islamic art and architecture. The book offers an insight into how craftsmen and designers in the Muslim world have achieved monumental feats of artistic expression with harmony and precision, using the simplest of tools such as a ruler, a string and templates, together with a system of measure that is both simple and sophisticated.

Book Information

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Customer Reviews

Ã¢â ¬ËœeOne need not be adept at measurement and computation to be mesmerized by and drawn into the visual analysis Said offers here.Ã¢â ¬â„¢

Issam El-Said (1938-1988) was an Iraqi artist and scholar. He earned an Architecture degree from Corpus Christi College, Cambridge in 1961; studied art at Hammersmith College of Art and Design,

London and prepared for a PhD on the Methodology of Geometric Proportioning in Islamic Architecture at the University of Newcastle-upon-Tyne in 1988, which was sadly not completed due to his untimely death that year. As an artist, he achieved great renown and his works are in private and public collections worldwide including the British Museum, the Victoria and Albert Museum and the National Museums in Baghdad and Amman.

good book but all in black & white don't expect any beautiful photos as examples. the ways they do these designs it is just what you 've got. Mathematics explainations only useful for experts but the drawings speak for themselves happily. Way too expensive, a souple cover and smaller size would have been enough

awesome book, you should buy it if you are an artist. Definitely very helpful to think more designs. Get yours soon

The book is very interesting but the package was wet when delivered! The first 15 pages have wrinkles, which I was rather disappointed about. The day of delivery was indeed a rainy day, but I would have expected a UPC to be prepared for that in Holland.

If you are interested in high school maths or tiling in general this book shows how Islamic artists create most of the geometric tiling patterns found in Muslim monuments such as the Taj Mahal in India or the Alhambra in Spain. Issam shows how using the ancient greek techniques of a compass and a straight edge all of the tile designs are achieved. He also goes into the history of how these tile patterns were achieved. This book is written after Issam died from his notes and other previous work and is a summary of Issam's work so it probably represents the last chance to have these tile patterns explained. As a maths teacher myself I have never been so impressed by a book. It not only has great content but its diagrams are beautiful.

This book reveals the stuctures of Islamic geomtric pattern making. There are quite a few "pattern books" with many examples of beautiful patterns. However this book reveals the concept of "the repeat unit of a geometric pattern" and the principles of measure involved. There are three main repeat units. It also contains many beautiful examples of patterns that can be generated by each repeat unit.I thoroughly recommend this book for anyone interested in gaining a deeper understanding of Islamic geometric patterns.Laith Wark

Islamic Art and Architecture: The System of Geometric Design Islamic Geometric Design inside: Architecture and Design: A guide to the practice of architecture (what they don't teach you in architecture school) The Umayyads: The Rise of Islamic Art (Islamic Art in the Mediterranean) Ifriqiya: Thirteen Centuries of Art and Architecture in Tunisia (Museum With No Frontiers International Exhibition Cycle : Islamic Art in the Mediterranean : Tunisia) Islamic Art and Architecture (The World of Art) Shapes: Geometric Forms in Graphic Design (Graphic Design Elements) Graphic Design Success: Over 100 Tips for Beginners in Graphic Design: Graphic Design Basics for Beginners, Save Time and Jump Start Your Success (graphic ... graphic design beginner, design skills) Islamic Art, Literature, and Culture (Islamic World (Hardcover)) Drafting House Plans: A Whole House System for Planning and Design (A Simplified Design System) Art and Architecture in Medieval France: Medieval Architecture, Sculpture, Stained Glass, Manuscripts, the Art of the Church Treasuries (Icon Editions) St.Petersburg: History, Art and Architecture (History, Art & Architecture) Stories of the Prophets: Illustrated Manuscripts of Qisas Al-Anbiya (Islamic Art and Architecture) Islamic Art and Architecture 650-1250 Geometric Programming for Design Equation Development and Cost/Profit Optimization: (with illustrative case study problems and solutions), Third Edition (Synthesis Lectures on Engineering) Islamic Banking and Finance: Introduction to Islamic Banking and Finance, Case Studies and Workbook, 3 Volume Set Geometric Dimensioning and Tolerancing for Mechanical Design 2/E (Mechanical Engineering) The Islamic Banking and Finance Workbook: Step-by-Step Exercises to help you Master the Fundamentals of Islamic Banking and Finance Oman - The Islamic Democratic Tradition (Durham Modern Middle East and Islamic World Series) (English and French Edition) Religious Pluralism and Islamic Law: Dhimmis and Others in the Empire of Law (Oxford Islamic Legal Studies)