

1. Record Nr.	UNINA9910279754503321
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Titolo	Islamic Design: A Mathematical Approach / / by Brian Wichmann, David Wade
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Birkhäuser, , 2017
ISBN	3-319-69977-6
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (XII, 226 p. 173 illus., 164 illus. in color.)
Collana	Mathematics and the Built Environment, , 2512-157X ; ; 2
Disciplina	516
Soggetti	Geometry Civilization—History Cultural History
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Foreword -- I Cultural Context -- 1 A History -- 2 The Scientific Contribution -- 3 Religious Dimension -- 4 The Evolution of Style -- 5 Materials and Mediums -- 6 Countries and Regions -- II Mathematical Analysis -- 7 Introduction -- 8 A Worked Example -- 9 An Octagonal Set -- 10 Octagonal Tiles with a Large Star -- 11 Lines and Edges -- 12 Decagonal Patterns -- 13 What Is Correct? -- 14 6-fold Delights -- 15 Two Level Patterns -- 16 Two Mamluk Masterpieces -- 17 Conclusions -- A The Symmetry of a Tiling -- B Key Dates -- C Glossary -- D Copyright.
Sommario/riassunto	This book deals with the genre of geometric design in the Islamic sphere. Part I presents an overview of Islamic history, its extraordinary spread from the Atlantic to the borders of China in its first century, its adoption of the cultural outlook of the older civilisations that it conquered (in the Middle East, Persia and Central Asia), including their philosophical and scientific achievements - from which it came to express its own unique and highly distinctive artistic and architectural forms. Part II represents the mathematical analysis of Islamic geometric designs. The presentation offers unlimited precision that allows software to reconstruct the design vision of the original artist. This book will be of interest to Islamic academics, mathematicians as well as to artists & art students.

