

ERIC BROUG

Islamic
**GEOMETRIC
PATTERNS**

with over 290 illustrations

Thames & Hudson

Contents

Introduction 7

CHAPTER 1: The Basics 9

Squares 10

Hexagons 13

Pentagons 16

Combinations 19

Design Tips 21

How to Use This Book 25

CHAPTER 2: Step-by-Step Construction 27

Level 1 – Easy

The Great Mosque of Cordoba, Spain 27

The Great Mosque of Kairouan, Tunisia 30

Mustansiriya Madrasa, Iraq 34

Esrefoglu Mosque, Turkey 37

Cappella Palatina, Sicily, Italy 41

The Koran of Rashid al-Din, Iran 43

The 'Abd al-Samad Complex, Iran 46

The Great Mosque of Damascus, Syria 49

Level 2 – Intermediate

The Great Mosque of Herat, Afghanistan 52

The Alhambra, Spain 55

The East Tower of Kharraqan, Iran 58

The Huand Hatun Complex, Turkey 62

Level 3 – Difficult

The Mosque of al-Salih Tala'i, Egypt 66

Ben Yusuf Madrasa, Morocco 71

The Tomb of Jalal al-Din Hussein, Kyrgyzstan 76

The Mosque of al-Nasir Muhammad, Egypt 82

Mamluk Koran, Syria 88

The Tomb of Bibi Jawindi, Pakistan 99

Qarawiyyin Mosque, Morocco 104

Further Reading 117

About the Author 119

On the CD-ROM

Desktop Wallpapers

There are nine different designs to choose from

Construction Sequences

Step-by-step construction sequences of all nineteen patterns featured in Chapter 2

Sample Patterns

Finished black-and-white patterns to print out and colour in or decorate with motifs

Basic Templates

Geometric shapes and grids to print out and help get you started

Image Gallery

Photos and illustrations of some of the best Islamic geometric patterns