Six Simple Twists: The Pleat Pattern Approach to Origami Tessellation Design

Reference: Six Simple Twists
Price: 37.21 €

Criteria associated:
Books: Language: - English
Books: Level of difficulty: -- Intermediate
Books: Topic: ---- Tessellations

Description:
Six Simple Twists: The Pleat Pattern Approach to Origami Tessellation Design

Get Started with Tessellation Folding

Six Simple Twists: The Pleat Pattern Approach to Origami Tessellation Design explains the process of designing an origami pattern. It answers the questions “how is a tessellation folded” and “what are the further possibilities.”

The author introduces an innovative pleat pattern technique of origami design that is easily accessible to anyone who enjoys the geometry of paper. The book begins with basic forms and systematically builds upon them to teach a limitless number of patterns. It then describes a process of design for the building blocks themselves. At the end, what emerges is a fascinating art form that will enrich folders for many years.
Unlike standard, project-based origami books, Six Simple Twists focuses on how to design rather than construct. This leads to a better understanding of more complicated tessellations at the advanced level.

Presents a method of origami design rather than origami construction

Explains the benefits of folding a grid and why folders should learn it. Includes crease patterns/origami schematics alongside diagrams to encourage crease pattern recognition. Exposes the greater artistic community to the emerging art form of origami tessellation. Provides a database of twists and twist clusters with crease patterns, pleat patterns, and photos, enabling folders to increase the variety in their designs.

"Six Simple Twists is a gentle introduction to the vast, wide world of origami twist tessellations that brings the reader through the successive stages of folding, understanding, and, ultimately, designing origami geometric patterns based on the powerful hexagon grid system. The six twists of the title?interacting configurations of paper pleats?may be simple in isolation, but Parker shows how they can be combined in uncountable variety. Parker presents more than a bare plan; he gives tips and techniques, guidelines and hints, using standard origami notation where it is useful, but also introducing new notations (such as markings for mountain- and valley-like vertices) that aid both understanding and folding. Throughout the book are shown photographs of the author's own beautiful tessellation creations: these serve to illustrate the concepts within the book and inspire the reader to her/his own inventions."

?Dr. Robert J. Lang, Origami Artist and Consultant, LangOrigami.com

"Origami tessellation, a form of abstract geometric paper-folding, has been growing in popularity in the last 10 to 20 years but unlike more traditional forms of origami, it does not have a consistent system of diagramming or even a vocabulary of its own. In this book, Ben Parker addresses this problem. The interested novice will find important information to get started folding tessellations, from techniques for folding the grid, to the basic twist folds, to composing complex patterns of multiple twists. The advanced folder will find a thoughtful approach to defining and describing the geometry of origami as revealed in tessellation. Whatever level of experience readers bring to this book, they will find something to challenge them. Six simple twists are only a starting point for Ben's analysis of tessellation. Ben brings artistry and an analytic perspective to this subject, and provides much useful information and inspiration."

?Joel Cooper, Origami Artist

Product Details:
- Paperback: 118 color pages
- Language: English
- Product Dimensions: 20 cm x 25 cm

Link to the product