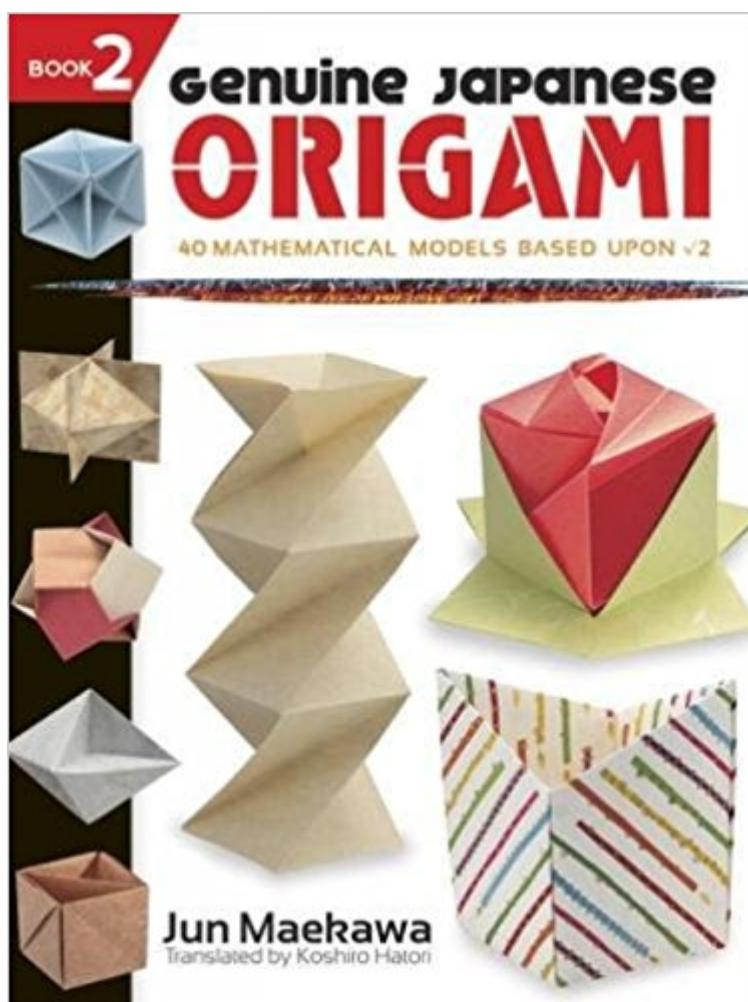


The book was found

Genuine Japanese Origami, Book 2: 34 Mathematical Models Based Upon (the Square Root Of) 2 (Dover Origami Papercraft)



Synopsis

Unique and wildly creative, this mathematical approach to origami was invented by a Japanese master of the art. Jun Maekawa regards paperfolding from a perspective guided by geometric and aesthetic principles. In this captivating how-to book, he illustrates his point of view with directions for constructing 34 fabulous items, including cubes, towers, and geometric shapes as well as puzzles and figures of everyday items. This is the first publication outside Japan of these original models, offering advanced beginners and serious origamists a combination of simple and complex figures and an intriguing blend of art and science. Rather than the square-shaped paper familiar to American folders, all models employ rectangular sheets of paper — that is, sheets with an aspect ratio of 1:1.41, or $\sqrt{2}$. Instructions for making rectangular origami paper are included.

Book Information

Series: Dover Origami Papercraft

Paperback: 128 pages

Publisher: Dover Publications; Tra edition (January 16, 2013)

Language: English

ISBN-10: 0486483355

ISBN-13: 978-0486483351

Product Dimensions: 8.3 x 0.3 x 10.9 inches

Shipping Weight: 15.2 ounces (View shipping rates and policies)

Average Customer Review: 4.4 out of 5 stars 16 customer reviews

Best Sellers Rank: #1,433,467 in Books (See Top 100 in Books) #98 in Books > Teens > Hobbies & Games > Crafts & Hobbies #122 in Books > Children's Books > Activities, Crafts & Games > Crafts & Hobbies > Papercrafts #509 in Books > Crafts, Hobbies & Home > Crafts & Hobbies > Papercrafts, Stamping & Stenciling > Origami

Age Range: 12 and up

Grade Level: 7 and up

Customer Reviews

JUN MAEKAWA, who studied physics, is credited with developing a new origami method based on fundamental geometric patterns. His insights into the connection between mathematics and origami are summed up in the Maekawa Theorem. He is a chief councilor of the Japan Origami Association and executive manager and engineer for a software company producing scientific engineering calculations. Genuine Origami is Maekawa's first book to be translated into English.

These models are all challenging but rewarding and educational. Diagrams and explanations are clear and thorough. This book builds interpretation and performance skills, but it requires a degree of dedication. Absolute beginners may find many of the models very difficult. Consider buying A4 paper rather than cutting USA paper to size.

Some of the diagrams are a bit complicated for my level but I still liked the book.

Love a lot of the designs, but some are difficult to understand how to proceed with folds from one step to the next - line drawings/illustrations don't always show everything you need to see. The projects in this book use mostly A4, A5, A6 paper, but not US standard 8.5 x 11 inch. However, it's fairly easy to cut US paper to size for these projects. Once the projects are understood, it's fun to come up with your own patterns to embellish the projects. For example, the cover photo shows a patterned paper being used.

While giving many geometric models demonstrating the main theories, this book details the many fascinating inter-relationships of the square root of 2 and polygons. Some of the older Japanese origamians preferred the silver rectangle (1:v2) to the square. This book tells why and gives examples. A good addition to your origami library.

This is a great book, it features many different designs and is good for anyone. It has great instructions and highly detailed pictures so you know where you are in every fold. I have this book and when I use it, the fun never ends. I recommend this book for anyone that is urged by origami

Interesting unusual origami models. Well written and clear, but do note many of these are complex foldings. Many of the geometric figures do use several sheets of paper which is characteristic of these types of models.

I liked the development of Origami models of geometric shape. Instructions for making these models are clearly illustrated and described.

I bought this for my 13 year old son for Christmas, it seems to have easy to read instructions for making the origami figures

[Download to continue reading...](#)

Genuine Japanese Origami, Book 2: 34 Mathematical Models Based Upon (the square root of) 2 (Dover Origami Papercraft) Japanese Origami for Beginners Kit: 20 Classic Origami Models: Kit with Origami Book, 72 High-Quality Origami Papers and Instructional DVD: Great for Kids and Adults! Fun with Origami: 17 Easy-to-Do Projects and 24 Sheets of Origami Paper (Dover Origami Papercraft) Animal Origami for the Enthusiast: Step-by-Step Instructions in Over 900 Diagrams/25 Original Models (Dover Origami Papercraft) Origami Paper - Traditional Japanese Designs - Large 8 1/4": Tuttle Origami Paper: 48 High-Quality Origami Sheets Printed with 12 Different Patterns: ... for 6 Projects Included (Origami Paper Packs) Japanese Gardens: An Introduction to Japanese Gardens and Their Design Principles (Japanese Gardens, Japanese Garden Designs, DIY Japanese Gardening, Japanese ... Japanese Landscape Design Book 1) I Love My Dad (japanese kids books, japanese children books): kids books in japanese, japanese baby books, children japanese books (Japanese Bedtime Collection) (Japanese Edition) The Complete Book of Origami: Step-by Step Instructions in Over 1000 Diagrams (Dover Origami Papercraft) Beginner's Book of Modular Origami Polyhedra: The Platonic Solids (Dover Origami Papercraft) Easy Origami (Dover Origami Papercraft)over 30 simple projects Origami Jewelry (Dover Origami Papercraft) Easy Dollar Bill Origami (Dover Origami Papercraft) Origami Fortune Tellers (Dover Origami Papercraft) Jewish Holiday Origami (Dover Origami Papercraft) Origami Dinosaurs for Beginners (Dover Origami Papercraft) 3-D Geometric Origami (Dover Origami Papercraft) Paper Models That Move: 14 Ingenious Automata, and More (Dover Origami Papercraft) (English and English Edition) Origami Airplanes Fun Pack: Make Fun and Easy Paper Airplanes with This Great Origami-for-Kids Kit: Origami Book with 48 High-Quality Origami Papers Origami Paper - Bright Colors - 6" - 49 Sheets: Tuttle Origami Paper: High-Quality Origami Sheets Printed with 6 Different Colors: Instructions for Origami Projects Included EASY ORIGAMI: The Step-by-Step Ultimate Beginner's Guide to Mastering 15 Origami Models in 1 Day - Your Ideal Companion To Master Origami In A Day

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)