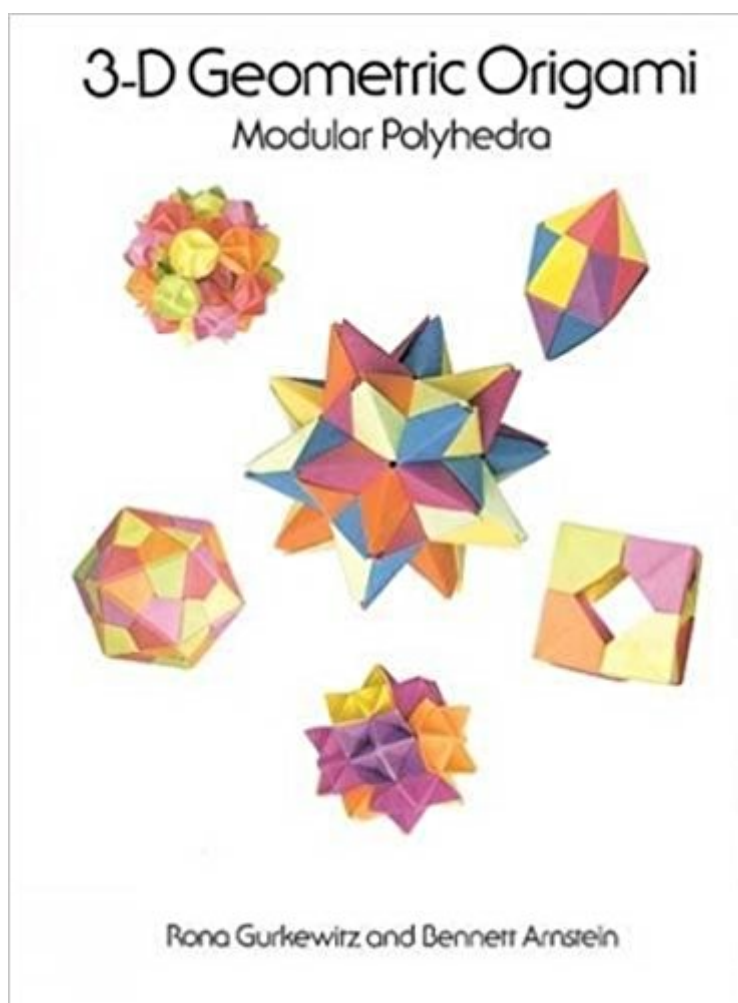


The book was found

3-D Geometric Origami: Modular Polyhedra



Synopsis

This innovative book is among the first to combine the art of origami with making polyhedra-based models. It shows papercrafters how to create over 60 different polyhedral from origami units. Comprised of modules made of single sheets of paper, the figures offer model builders and math students alike a stimulating entrance into the world of three-dimensional geometric origami. Origamists are initially introduced to a number of preliminary folds that will aid in constructing a variety of figures. Step-by-step instructions and clearly outlined diagrams then show how to create polyhedra ranging from a relatively simple tetrahedron and cube to such mind-boggling fabrications as the double pentagonal pyramid, a truncated hexadecahedron and the 92-faced snub dodecahedron. You'll also learn to construct these intriguing polyhedra: a stellated icosahedron, an equilateral triangle dodecahedron, and a truncated octahedron. Graded according to difficulty, these multifaceted projects will not only challenge devotees of the ancient Japanese art of paper folding but will be useful in classroom demonstrations of mathematical principles.

Book Information

Paperback: 73 pages

Publisher: Dover Publications; unabridged edition (January 19, 1996)

Language: English

ISBN-10: 0486288633

ISBN-13: 978-0486288635

Product Dimensions: 0.2 x 9.5 x 12 inches

Shipping Weight: 9.6 ounces (View shipping rates and policies)

Average Customer Review: 3.6 out of 5 stars 18 customer reviews

Best Sellers Rank: #1,159,167 in Books (See Top 100 in Books) #14 in Books > Teens > Art, Music & Photography > Art > Techniques #275 in Books > Children's Books > Arts, Music & Photography > Art > Sculpture #405 in Books > Crafts, Hobbies & Home > Crafts & Hobbies > Papercrafts, Stamping & Stenciling > Origami

Age Range: 12 and up

Grade Level: 7 and up

Customer Reviews

Extremely dry technical illustrations, no step-by-step instructions. This is an old, technical manual that assumes you are already an expert in normal and advanced origami, with a new cover that gives the impression it's going to give you step-by-step instructions. However, the first step in each

project is actually a finished origami base, such as the "frog" base becomes the "crane." But far more complicated. My 12-yr-old has an engineering mind and folds origami and cuts kirigami at expert levels, but this non-kusudama guide left us both struggling. Search here on for "kusudama" to find the correct 3D origami.

Fabulous book! If you understand basic origami instructions, this book is great. Don't buy the used copies though...I had to return mine as it came missing pages 2-18...not acceptable condition in my book, otherwise the book itself is great! :-)

The book is excellent but if you expect to see color picture there is none, and this could be a discourage for some people.

Difficult

I consider myself a good folder. I have successfully made many geometric projects from other books. However, this book was a complete frustration. I killed a lot of origami trees before finally tossing the book. Do yourself a favor, go to the public library and order loads of origami books. Try them out and THEN buy the books that work for you.(sigh) live and learn

Not nearly as helpful as their other book - "Multimodular Origami Polyhedra: Archimedean, Buckyballs and Duality".

I ordered this book for some fun math activities at the end of the year. I'll need time to learn how to make the projects; some of them are quite complex. From a geometry standpoint, the book will be a useful extension at school.

Not as in depth as I'd like. No color photos. I paid for what I could have just as well got on the internet for free.

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

Geometric Origami Kit: The Art of Modular Paper Sculpture: This Kit Contains an Origami Book with 48 Modular Origami Papers and an Instructional DVD 3-D Geometric Origami: Modular Polyhedra Beginner's Book of Modular Origami Polyhedra: The Platonic Solids (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)
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 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! Origami Paper - Bright Colors - 6" - 49 Sheets: Tuttle Origami
Paper: High-Quality Origami Sheets Printed with 6 Different Colors: Instructions for Origami Projects
Included Modular Origami Paper Pack: Tuttle Origami Paper: 350 Colorful Papers Perfect for
Folding in 3D Modern Kusudama Origami: Designs for modular origami lovers Origami Magic
Mandalas: Modular Torus Designs You Can Rotate (Action Origami Book 3) How to Fold It: The
Mathematics of Linkages, Origami, and Polyhedra Geometric Origami Mini Kit: Folded Paper Fun
for Kids & Adults! This Kit Contains an Origami Book with Downloadable Instructions 3-D Geometric
Origami (Dover Origami Papercraft) Origami Paper - Kimono Patterns - Large 8 1/4" - 48 Sheets:
Tuttle Origami Paper: High-Quality Origami Sheets Printed with 8 Different Designs: Instructions for
6 Projects Included Origami Paper - 500 sheets Kaleidoscope Patterns- 6" (15 cm): Tuttle Origami
Paper: High-Quality Origami Sheets Printed with 12 Different Designs: Instructions for 8 Projects
Included Origami Paper - Floral Designs - 6" - 60 Sheets: Tuttle Origami Paper: High-Quality
Origami Sheets Printed with 9 Different Patterns: Instructions for 6 Projects Included Origami Paper
200 sheets Rainbow Colors 6" (15 cm): Tuttle Origami Paper: High-Quality Origami Sheets Printed
with 12 Different Colors: Instructions for 8 Projects Included Money Origami Kit: Make the Most of
Your Dollar: Origami Book with 60 Origami Paper Dollars, 21 Projects and Instructional DVD
Ultimate Origami for Beginners Kit: The Perfect Kit for Beginners-Everything you Need is in This
Box!: Kit Includes Origami Book, 19 Projects, 62 Origami Papers & DVD Origami Fun for Kids Kit:
20 Fantastic Folding and Coloring Projects: Kit with Origami Book, Fun & Easy Projects, 60 Origami
Papers and Instructional DVD

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)