

[Download free pdf] Unit Polyhedron Origami

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Tomoko Fuse

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Tomoko Fuse : Unit Polyhedron Origami before purchasing it in order to gage whether or not it would be worth my time, and all praised Unit Polyhedron Origami:

8 of 8 people found the following review helpful. Superb book on polyhedral origami By Aimee Cowles This book is easy to follow with simple, clearly stated directions for building polyhedron models ranging from simple to complex. The instructions nicely couple easy-to-read diagrams with large, colorful images of the finished products that help me to visualize my end products as I fold. I am currently working my way through all of the models in this book, and I am really enjoying the gradual way that Tomoko Fuse introduces new models. She groups obvious types together in the book's sections, and methodically explains (by text, diagram and picture) each unit from simple to complex variation. Instructions include the type/name of the structure, level of difficulty, size of the paper needed, number of each type of paper unit required, a three-dimensional diagram of the polyhedral structure (for more complex structures) and assembly diagrams that show how the pieces fit together. All of the instructional images are in color so it is easy to differentiate between front and back of each paper unit, and to tell the difference between units in the assembly

diagrams. This book presents reusable paper unit types that are creatively put to use in the models in a number of different ways. For instance, I like the way I can create colorful joints that add to the overall presentation of each piece. I especially like the "Various Methods of Assembling Double-Sided Hexagonal Rings" section where Fuse explains how to take the traditional polyhedral structures she has taught and extend their shapes creatively in order to make new designs. In general, there are enough variations of each type in all sections that I do not feel like I am working through the drudgery of the same projects over and over as I have with some other books. Overall, this is an excellent addition to the library of anyone interested in exploring polyhedron models with origami. 1 of 1 people found the following review helpful. *Suspended Disbelief - Fold On Dude!* By P. B. Terry. Plenty of pictures and great instructions. This book is full color throughout and very well presented. Beginning models are relatively simple from simply folded modules. As the book progresses, simple modules are assembled into more complex shapes and forms. Be prepared to test your spatial reasoning as you assemble these beautiful constructs in 3 dimensional geometry. Solid 5 of 5 stars for overall presentation, clarity of instruction, and progression of models. If you are new to origami, this book does a great job describing the various folds needed to make the modules and assemble them. The complexity comes in the assembly... So don't be afraid if you're new...it's a great adventure worth taking. *Fold On Dude!* 1 of 1 people found the following review helpful. *Great presentation and creative, unique modular pieces explored* By Irene. If you enjoy modular origami (or think you might), I would suggest you start with this book, as it will easily serve as a great jumping off point into modular construction. The book itself is beautiful, for a paperback, and is organized based on the modular piece of interest. Each modular piece is then explored, with numerous examples of different possible polyhedrons as well as the addition of other modular pieces to change the look of the piece. The book also includes a polyhedron "cheat sheet" in the back of the book which includes the general construction of a large number of complex polyhedrons, so, if desired, you can explore on your own. The modular pieces are relatively simple to fold. While the construction of such complex polyhedrons may seem a bit daunting at first, the inclusion of models containing relatively few pieces, (ranging from 12-30) are particularly instructive (and beautiful when complete). A word to the wary folder: while these modules are easy to fold, modular origami often requires the inclusion of large numbers of individual pieces to create the beautiful works in the book. If you aren't particularly excited about folding a minimum of 30 pieces (and more often over 60), you may want to look into something else. That being said, this is a GREAT book on modular origami construction.

With step-by-step diagrams, detailed instructions and over 70 photographs in vibrant full-color, internationally-renowned origamist and author Tomoko Fuse offers an innovative approach to origami based on assembling separate, multi-dimensional shapes into one structure. Some of the shapes, like pyramids or four-sided boxes, are simple to master, even for a beginner. Others are quite complex and require much more experience and proficiency. Fuse uses a system to indicate the level of difficulty for each project with one, two or three stars, so the reader knows from the start, how challenging a project is likely to be.

About the Author TOMOKO FUSE is a respected member of Origami USA, the British Origami Association and the Japan Origami Association. She is also the author of some of JPT's bestselling origami books, including *Fabulous Origami Boxes*, *Quick Easy Origami Boxes*, and *Origami Boxes*.