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Jun Maekawa, Origami

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Jun Maekawa, Origami : Genuine Japanese Origami, Book 2: 34 Mathematical Models Based Upon (the square root of) 2 (Dover Origami Papercraft) before purchasing it in order to gauge whether or not it would be worth my time, and all praised Genuine Japanese Origami, Book 2: 34 Mathematical Models Based Upon (the square root of) 2 (Dover Origami Papercraft):

9 of 9 people found the following review helpful. One one square root of two By Joseph A. Dudar 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. 0 of 0 people found the following review helpful. LBBY Customer Some of the diagrams are a bit complicated for my level but I still liked the book. 2 of 2 people found the following review helpful. Interesting designs, pretty good book overall. By Speech60 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.

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 1:2. Instructions for making rectangular origami paper are included.

About the Author 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.