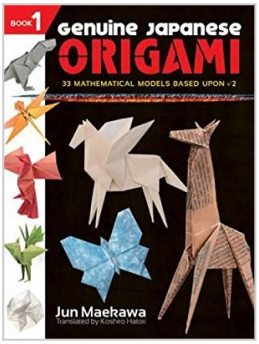

Genuine Japanese Origami, Book 1: 33 Mathematical Models Based Upon (the square root of) 2 (Dover Origami Papercraft)

By Jun Maekawa

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This unique and wildly creative book by a Japanese origami master approaches the art of paperfolding from the perspective of mathematical and geometric principles. Jun Maekawa focuses on using rectangular paper to create a wide range of insects, leaves, plants, trees, animals, and fantastic creatures. Models include hummingbirds, dragonflies, peacocks, rabbits, toads, fish, maple leaves, ginkgo leaves, the golden beetle, a praying mantis, a tortoise, silver cranes, and trees.
An intriguing blend of art and science, this volume features both simple and complex figures, intended for intermediate-level and serious origamists. This is the first publication outside of Japan for most of these original models. Rather than the square-shaped paper familiar to American folders, all 33 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.

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Editorial Review

About the Author

Jun Maekawa approaches origami from the perspective of mathematical and geometric principles, from which he has developed a new method of folding. A chief councilor of the Japan Origami Association, he is also an executive manager and engineer for a software company.

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