Roses, Origami Math

Toshikazu Kawasaki
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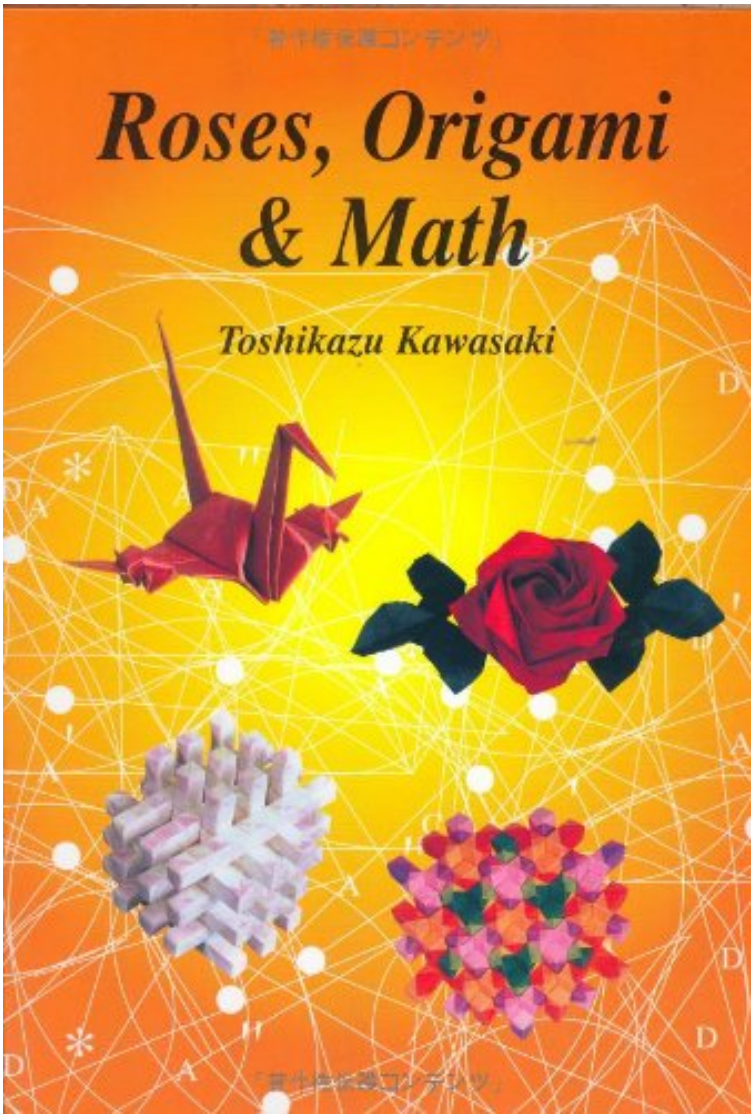

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Toshikazu Kawasaki : Roses, Origami Math before purchasing it in order to gage whether or not it would be worth my time, and all praised Roses, Origami Math:

1 of 1 people found the following review helpful. Interesting, but mistitledBy David HThis book should really be named: "Modular Origami Structures, Origami Math Surface Scratched, and One or Two Origami Roses." It is a nicely bound, quality material book, as for the contents:Its a bit misleading having Roses first in the title...its the smallest section in the book, with only a couple models with an extra variation or two on one of those, its not a flower bonanza by any means. Still, i was looking for a better set of instructions for the spiral rose that has been a traditional

design around for a while, and it does have that, and the rose featured on the cover is excellent.I was also interested in getting into the true in depth Lang-ian mathematics of origami, and while it presents a nice intro into origami math as well as citing other readings to further one's education, it doesn't really sink its teeth into it very deep.What this book really truly is about is modular origami. The vast bulk of the text is dedicated to this subject. While this isn't necessarily my bag of tea, it is interesting and useful for supplementing my knowledge base for use in other origami. If you like creating modular origami, you will find some excellent and complex designs to keep you busy with many different types of locking folds and whatnot to add to your arsenal.2 of 4 people found the following review helpful. Would be nicer if it was in English.By Cathy/EsauThe author is very detailed. One gets the feeling that they are working with a true teacher to create the shapes and understand the math. But the English is terrible. More attention should have been paid getting a competent translator. After reading through some of the book I feel like I've lost my own ability to speak English, and English is my native language.6 of 14 people found the following review helpful. Great relaxBy Maria Valentina HumarA beautiful book, great schemas ... I could rate it 5 stars if only there were few photos more.

With an innovative and exciting approach to paper craft, ROSES, ORIGAMI MATH stretches this ancient art to the limits. Designed for the classroom, this book uses advanced paper folding theory to reveal fundamental mathematical problems. ROSES, ORIGAMI MATH is divided into three sections with increasing degrees of difficulty:The first chapter focuses on blocks and is designed to help the reader understand symmetry. Once mastered, solving the mathematical questions of origami should be easier. From the simple blocks, cherry blossoms, small houses, churches, and even a Greek temple can be created. The second chapter goes on to explain techniques such as twist folding and stereoscopic twist folding that are used for making roses and are the basis for flat folding and crystal folding. Finally, in the third chapter Kawasaki introduces the mathematics of origami. He explains it as an element of geometry that most readers learned in junior high school. Each section has exercises to help the reader better understand the mathematics of origami. Included in ROSES, ORIGAMI MATH are instructions for creating the author's masterpiece, the Kawasaki Rose Series. Fully illustrated with clear, step-by-step instructions, this book is fun and filled with useful techniques for mathematics education and for the ambitious layman.

About the AuthorToshikazu Kawasaki is an origami mathematician. He is the world's first Doctor of Origami. He is known for the folding theory of planes and higher-dimensional folding styles as well as for creating the Kawasaki Rose series. He teaches mathematics at Sasebo technical high school.