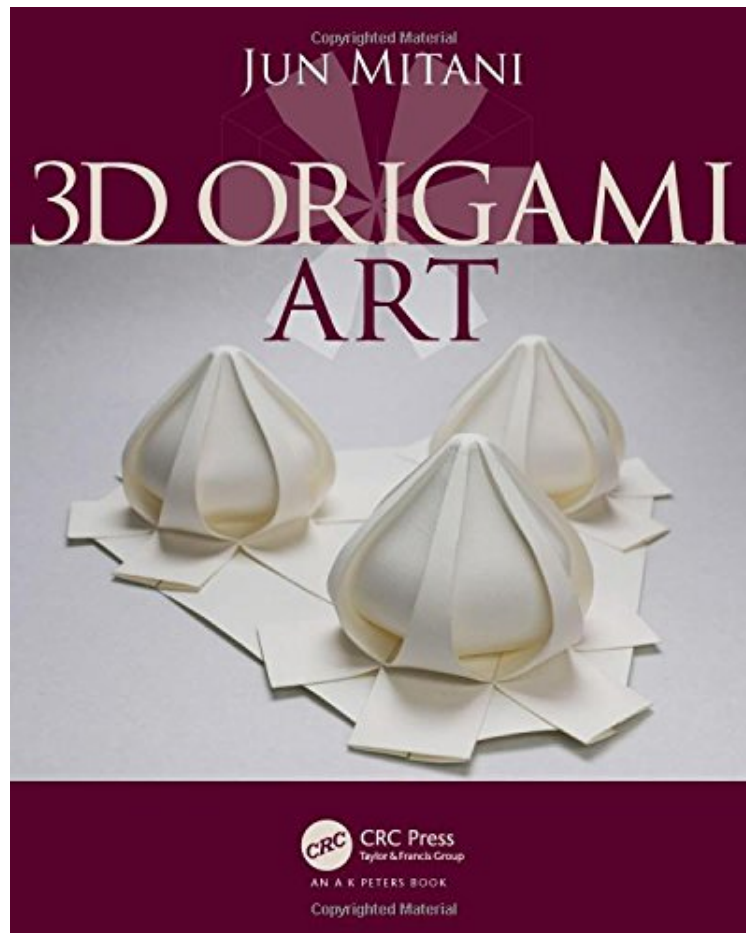


## 3D Origami Art

*Jun Mitani*

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**Jun Mitani : 3D Origami Art** before purchasing it in order to gauge whether or not it would be worth my time, and all praised 3D Origami Art:

3 of 3 people found the following review helpful. the publisher has once again dropped the ball with really poor photographs of what could have been really beautiful models By Charles T. Mayer I think this is an important new origami book. The author has made a significant contribution to the paper folding literature, but sadly, the publisher has once again dropped the ball with really poor photographs of what could have been really beautiful models. The finished product smacks of a cheapness which is insulting to the importance of the book. 'A' for the author, but "D" for the publisher. 1 of 1 people found the following review helpful. Must read book By Customer The book is well written and easy understandable for origami enthusiast. It contains a lot of new material not only in terms of instructions, but in terms of design methods. It's a must read for anyone interested in geometrical origami. I would say the book would be interesting for any (not only origami) designers for inspiration and creative ideas. The content of the book is 5 star (or even 6/5 stars). The way the publisher printed this content is 2/5 stars. They could do better than bw

on thin paper for the price...0 of 1 people found the following review helpful. ExcellentBy C J ElliottExcellent

Easily Create Origami with Curved Folds and Surfaces Origamimaking shapes only through foldingreveals a fascinating area of geometry woven with a variety of representations. The world of origami has progressed dramatically since the advent of computer programs to perform the necessary computations for origami design. 3D Origami Art presents the design methods underlying 3D creations derived from computation. It includes numerous photos and design drawings called crease patterns, which are available for download on the authors website. Through the books clear figures and descriptions, readers can easily create geometric 3D structures out of a set of lines and curves drawn on a 2D plane. The author uses various shapes of sheets such as rectangles and regular polygons, instead of square paper, to create the origami. Many of the origami creations have a 3D structure composed of curved surfaces, and some of them have complicated forms. However, the background theory underlying all the creations is very simple. The author shows how different origami forms are designed from a common theory.

"This is a beautiful book, containing many lovely examples at the forefront of geometric origami. Readers will find the patterns both challenging and satisfying to fold, and the concepts on which they are based form a foundation for many further potential explorations."Dr. Robert J. Lang, Origami Artist and Consultant, LangOrigami.com "Ever wonder how paper artists can fold a sheet of paper into amazingly complex shapes? Then this book is for you. There arent many resources out there for 3D, mathematically inspired origami, and Jun Mitani gives us a whole books worth of fun, interesting models to help fill this gap. Geometric origami fans will love this book."Thomas C. Hull, Western New England University and Author of Project Origami: Activities for Exploring Mathematics, Second EditionAbout the AuthorJun Mitani is a professor of information and systems in the Faculty of Engineering at the University of Tsukuba. Dr. Mitani was previously a PRESTO researcher at the Japan Science and Technology Agency, a lecturer in the Department of Computer Science at the University of Tsukuba, and a postdoctoral researcher at RIKEN. His research focuses on computer graphics, including computer-aided origami design techniques. He is the author of the books Spherical Origami and 3D Magic Origami.