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# Origami Design Secrets

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 How to Fold It

*Origami Design Secrets*

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## LANE COHEN

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*The Ultimate Origami Book* CRC Press  
 Brazilian designer Fábio Sasso, who has wildly popular design blog Abduzeedo, has created the definitive guide to design. This book features interviews with designers and offers tutorials on various design styles, an extension of what he does with his site abduzeedo.com. Each chapter addresses a particular style, e.g., Vintage, Neo-surrealism, Retro 80s, Light Effects, Collage, Vector, and starts off with an explanation about the style and techniques that go into that style. Next, the Abduzeedo Design Guide shows images from different visual artists illustrating each style. Fábio interviews a master of each style, such as, in the case of Retro Art, James White. Then he wraps up the chapter with a tutorial showing the elements and techniques for creating that style in Photoshop. Meant for beginning to intermediate designers as well as more experienced designers looking for inspiration, the book focuses on styles that can be applied both to web or print.  
*Crease and Fold* CRC Press

"A kusudama is a traditional Japanese sphere formed by modular origami construction techniques. This guide presents instructions for more than forty elaborate kusudama that range in shape from stars to flowers to pinwheels. Suitable for intermediate-level and experienced folders of all ages"--

*Kusudama Origami* Artisan Books

The project that captured a nation's imagination. The instructions were simple, but the results were extraordinary. "You are invited to anonymously contribute a secret to a group art project. Your secret can be a regret, fear, betrayal, desire, confession, or childhood humiliation. Reveal anything -- as long as it is true and you have never shared it with anyone before. Be brief. Be legible. Be creative." It all began with an idea Frank Warren had for a community art project. He began handing out postcards to strangers and leaving them in public places -- asking people to write down a secret they had never told anyone and mail it to him, anonymously. The response was overwhelming. The secrets were both provocative and profound, and the cards themselves were works of art -- carefully and creatively constructed by hand. Addictively compelling, the cards reveal our deepest fears, desires, regrets, and obsessions. Frank calls them "graphic

haiku," beautiful, elegant, and small in structure but powerfully emotional. As Frank began posting the cards on his website, PostSecret took on a life of its own, becoming much more than a simple art project. It has grown into a global phenomenon, exposing our individual aspirations, fantasies, and frailties -- our common humanity. Every day dozens of postcards still make their way to Frank, with postmarks from around the world, touching on every aspect of human experience. This extraordinary collection brings together the most powerful, personal, and beautifully intimate secrets Frank Warren has received -- and brilliantly illuminates that human emotions can be unique and universal at the same time.

**Origami Zoo** Tuttle Publishing

Contains illustrated instructions for creating forty-three mathematically-based origami models.

*Origami Polyhedra Design* CRC Press

Take your paper folding to an advanced level with this user-friendly origami book. From shimmering hummingbirds to magnificent bats, from a stunning panther mask to graceful sea turtles, Michael G. LaFosse's complex and beautiful origami projects are well known around the world. Focusing on models from nature, *Advanced Origami* provides unparalleled instruction on how to create master-class level 3D origami paper folding projects. The origami designs are challenging—they require some folding experience—but the results are more origami art than craft. Paper folders will create projects that can be displayed or given as gifts. Sophisticated origami or paper crafts fans will appreciate the unique origami designs along with complete detailed instructions and easy-to-follow color photos and diagrams. *Advanced Origami* also features information on paper selection and preparation, advance techniques such as "wet folding" and making your own paper. This origami book contains: 128 page, full-color book 15 original and challenging projects Step-by-step instructions Colorful diagrams and photographs Advanced techniques and tips In recent years origami has evolved beyond simple folding and creasing into a true art form akin to sculpture. For those seeking to learn origami at such a level, *Advanced Origami* provides all the essential information and techniques. Soon you will be able to design and fold your own origami sculptures! Origami projects include: North American Cardinal Koi Fish Origamido Butterfly Pond Frog And many more...

*Unfolding Mathematics with Unit Origami* Cambridge University Press

Eric Gjerde demonstrates 25 of his favorite tessellations and turns them into projects for newcomers as well as experienced origamists. With step-by-step instructions, illustrated crease patterns, and how-to photos, you'll learn to create these wonderful designs yourself. Eric's first book covers the fundamentals of origami tessellations, provides history, and describes simple beginning techniques with detailed illustrations and photographs. An extensive gallery showcases tessellations folded by the world's leading origami fine artists--inspiring you to experiment, innovate, and eventually create your own unique designs.

*Origami Sea Life* Rockridge Press

Create nearly 40 striking paper figures with clear, step-by-step instructions and helpful diagrams. Features simple to advanced objects: cube, parrot, rabbit, seagull, cuckoo clock, rocket, mouse, elephant, violinist, Viking ship, and many more.

*Origami Design Secrets* Harper Collins

Paper magic at its finest! This second Harry Potter Origami book gives you step-by-step instructions to create 15 magical props inspired by the Harry Potter films. Craft fifteen amazing props as seen in the Harry Potter films with this easy-to-follow origami

book! You'll be able to fold amazing objects, like the Elder Wand and Hermione Granger's beaded bag, as well as familiar characters, like Dobby, Nagini, and Fang. What's more, you'll get to fold a fortune teller that'll help determine your Hogwarts house, and tons more origami pieces to create! Harry Potter Origami #2 includes: - Special sheets of illustrated origami paper custom designed for each craft- Step-by-step instructions with illustrations- Photography of the real, finished origami for helpful reference- Advice for keeping your origami looking magical This second origami book includes 15 new origami pieces to make. It's the perfect gift for every Harry Potter fan, young and old!

*Advanced Origami* Japan Publications Trading

*Twists, Tilings, and Tessellation* describes the underlying principles and mathematics of the broad and exciting field of abstract and mathematical origami, most notably the field of origami tessellations. It contains folding instructions, underlying principles, mathematical concepts, and many beautiful photos of the latest work in this fast-expanding field.

*Origami Masters: Bugs* Scholastic Incorporated

Written by a world expert on the subject, *Origametry* is the first complete reference on the mathematics of origami. It is an essential reference for researchers of origami mathematics and applications in physics, engineering, and design. Educators, students, and enthusiasts will also enjoy this fascinating account of the mathematics of folding.

*Creaselighting* Courier Corporation

The Secret of the Fortune Wookiee is the third case file of the New York Times bestselling Origami Yoda series from Tom Angleberger! Is it possible to have a case file without Origami Yoda? With Dwight suspended, McQuarrie Middle School is missing its most famous attendee: Origami Yoda. And no Yoda means no case file mystery to solve. But then something BIG happens. Something BIG and HAIRY. It's a Fortune Wookiee, a paper fortune teller in the form of Chewbacca. Sara brings it to school as a gift from Dwight, and it seems to give advice that's just as good as Yoda's. Mysterious, it is! Tommy, Kellen, and Harvey are on the case. And when their classmates start having strange "Dwight sightings" (sightings of Dwight in which he is acting WAY too normal), the boys have TWO mysteries to solve. The closer they get, the more possible it seems that Origami Yoda will be back . . . "A chorus of spot-on middle-school voices and plenty of laughs are wrapped around this tale of friendship and seasoned with Star Wars references." —Kirkus Reviews (Starred Review) Includes Black-and-White Illustrations and Instructions for folding your own origami Chewbacca. The Origami Yoda series The Strange Case of Origami Yoda Darth Paper Strikes Back The Secret of the Fortune Wookiee The Surprise Attack of Jabba the Puppett Princess Labelmaker to the Rescue! Emperor Pickletine Rides the Bus Art2-D2's Guide to Folding and Doodling: An Origami Yoda Activity Book

**Origami Insects** Cambridge University Press

Spark a lifetime of creativity with a few sheets of paper! Discover the art of paper folding with *Origami Made Simple*. Featuring 40 classic and original origami models, complete with detailed diagrams and written instructions for every step, it's the fastest way for you to start creating eye-catching paper sculptures. If you're new to origami, the iconic yet approachable designs in this book are a great way to hone your skills--and have a blast doing it. Start with straightforward models that take 10 steps or less and work your way up to more complex creations. No matter the level of difficulty, every model is diagrammed for ease of use, with tricky folds highlighted and broken down into multiple steps. This origami book includes: Classic and contemporary--Try your hand at recognizable models, like Crane and Sailboat, as well as original designs, like Cobra and Teapot. Tips and techniques--Pay

attention to tips that help you select the right paper, work through tough steps, and add your own creative twist. Symbol glossary--Find a comprehensive guide to standard origami symbols, as well as helpful info on how to read origami diagrams. Fold up some fun with Origami Made Simple!

[Naomiki Sato's Origami Roses](#) Pearson Education

The magnum opus of one of the world's leading origami artists, the second edition of *Origami Design Secrets* reveals the underlying concepts of origami and how to create original origami designs. Containing step-by-step instructions for 26 models, this book is not just an origami cookbook or list of instructions—it introduces the fundamental building blocks of origami, building up to advanced methods such as the combination of uniaxial bases, the circle/river method, and tree theory. With corrections and improved illustrations, this new expanded edition also covers uniaxial box pleating, introduces the new design technique of hex pleating, and describes methods of generalizing polygon packing to arbitrary angles. With coverage spanning the foundations of origami construction and advanced methods using both paper and pencil and custom-built free software, *Origami Design Secrets* helps readers cultivate the intuition and skills necessary to develop their own designs. It takes them beyond merely following a recipe to crafting a work of art.

[Origami Magic Ball Wonders](#) Dover Publications

The origami introduced in this book is based on simple techniques. Some were previously known by origami artists and some were discovered by the author. *Curved-Folding Origami Design* shows a way to explore new area of origami composed of curved folds. Each technique is introduced in a step-by-step fashion, followed by some beautiful artwork examples. A commentary explaining the theory behind the technique is placed at the end of each chapter. Features Explains the techniques for designing curved-folding origami in seven chapters Contains many illustrations and photos (over 140 figures), with simple instructions Contains photos of 24 beautiful origami artworks, as well as their crease patterns Some basic theories behind the techniques are introduced

[Harry Potter Origami #2 \(Harry Potter\)](#) Race Point Publishing  
Creaselighting was my third collection of models. It followed from *Origami Projects* and *More Origami projects*. The premise of the book was to develop a book around folding techniques rather than what the model was. The project explores folding techniques and different styles of folding. Central to the book is the question "How do I fold?" rather than, "What am I folding?". For most of the projects the folding journey should be as interesting as the destination. I have tried to avoid complexity and kept all the models as simple and elegant as possible. My main consideration is producing models that are enjoyable to make. The next section starts to explore some of the themes in the book and gives a bit more background to the models themselves and why I have included them. Most of all, if you have got this far, I hope you enjoy the origami. It took several years to develop the models and ideas in *Creaselighting*. If you have any thoughts or comments, do let me know. In 2004 I embarked on working full time as an origami designer. This has given me many more opportunities to write and develop origami books. Although many of these were commissions and designed in conjunction with the respective publishers.

*Origami Design Secrets* CRC Press

In *Origami Sea Life*, John Montroll and Robert J. Lang have collaborated to produce a truly elegant work. The pages of this book contain some of the most creative origami published to

date. Each project is accompanied by a biological sketch of the animal to enhance the visual description. There are 38 models in all ranging from the lowly barnacle to the mighty whale. In between are to be found a cuttlefish, angelfish, lionfish, and fiddler crab, to name but a few of the unusual origami projects presented. Each project is illustrated with step-by-step instructions, utilizing the unique folds which make each of these animals so lifelike. Beginner and expert alike will find hours of creative fun in these pages. *Origami Sea Life* also includes a summary of the history of origami sea life. Information on types of paper and the technique of wet folding make this book indispensable for all those with an interest in papercraft.

[Origami Design Secrets](#) CRC Press

Did you know that any straight-line drawing on paper can be folded so that the complete drawing can be cut out with one straight scissors cut? That there is a planar linkage that can trace out any algebraic curve, or even 'sign your name'? Or that a 'Latin cross' unfolding of a cube can be refolded to 23 different convex polyhedra? Over the past decade, there has been a surge of interest in such problems, with applications ranging from robotics to protein folding. With an emphasis on algorithmic or computational aspects, this treatment gives hundreds of results and over 60 unsolved 'open problems' to inspire further research. The authors cover one-dimensional (1D) objects (linkages), 2D objects (paper), and 3D objects (polyhedra). Aimed at advanced undergraduate and graduate students in mathematics or computer science, this lavishly illustrated book will fascinate a broad audience, from school students to researchers.

*The Complete Book of Origami* CRC Press

Step-by-step instructions show how to make models from simple to amazing, including moving figures and clever joke pieces.

[3D Origami Art](#) CRC Press

In *Origami Zoo*, two of the world's finest paper folders present an exciting collection of original origami animals. Their creatures, ranging from the exotic to the familiar, the elegant to the whimsical, will both inspire the beginner and challenge the most accomplished folder. Choose among the dolphin, penguin, swan, owl, goose, kangaroo, praying mantis, or even the mythical Pegasus or extinct woolly mammoth. Each of these thirty-seven new projects is true origami-folded from a single piece of paper with no cutting or gluing—and is complete with clear step-by-step diagrams, instructions, and a photograph of the finished model. *Origami Zoo* will challenge and delight anyone with a penchant for creating something wonderful out of (almost) nothing.

[Origami Made Simple](#) Abrams

DIY In the early 1990s, members of the Origami Tanteidan Convention in Japan began a unique competition devoted to insects and other arthropods as, over a period of years, artists attempted to one-up each other, successively adding legs, antennae, wings, and more. Each year, the models became increasingly complex, as origami enthusiasts from around the world joined the fray. Beetles became winged beetles. Winged beetles became winged spotted beetles. And so on. Models went from 30 or 40 steps to hundreds of steps. As a result, origami artists developed a range of design techniques that ultimately changed the entire art of origami folding. Bugs continue today to be a favorite subject for origami artists, and this book both describes the original challenges that stretched the art and also includes 12 original contemporary bugs (including one master-level project) designed by some of the most talented origami artists today from around the world—with detailed step-by-step instructions to make them./div