

Tanteidan Magazine 141

Tohru Honda is an orphaned teenager who comes to live with the Sohma family in exchange for housekeeping duties, but she soon comes to know the family secret.

Learn to fold 30 origami vehicles with colorful diagrams. From intermediate to complex level, with many models featuring a color change. In this book, some traditional models will be re-introduced and new models, which are of my own design and one of Harri Thaha's model, will be introduced. The origami models in this book are from simple to complex models. The requirement of the type of papers on each model is different. Some models will be difficult to make with ordinary origami paper and require thinner paper (Some origamists 'make' their own paper for this purpose).

In this book, we will learn how to fold origami tracked vehicles (tanks, tank destroyers, and other tracked-vehicles, including Panther Tank, Hetzer, SU-85, M114 and Kettenkrad), featuring color change in colored diagrams. All models are of my own design.

In the origami world, cats were traditionally under-represented, and the few existing models were rather flat and lifeless. But thanks to modern folding techniques, it's possible to recapture the true charm of our feline companions. This book for origamists of all skill levels offers 20 original designs that range from a grinning Cheshire cat and a snoozing feline to a walking cat, a seated cat, a Halloween cat, and the smug cat that got the cream, as well as cats on an envelope, a bookmark, a greeting card, and other figures. Along with step-by-step directions and diagrams, each model features a full-color image of the finished cat. Projects are rated according to difficulty, and a brief introductory chapter explains folding techniques and suggestions for how to choose the most appropriate origami paper. These cute kitties, in addition to being fun to fold, make great little gifts for cat-fanciers.

Astronomy has always been one of the easiest of the sciences to convey to the public. That is partly because it produces spectacular pictures that can be explained (at least in part) and admired, partly because understanding of astronomy usually does not depend upon a knowledge of a complex classification system or esoteric terminology, and partly because its extremes in distances and times challenge our imagination and philosophies. Most scientists enjoy sharing with others the discoveries made by themselves and their colleagues. The primary purpose of scientific research is to discover, to learn, and to understand. When we succeed, we enjoy sharing that understanding. Education is most pleasurable when our audience wishes to learn and we have something important to convey. A field that does not communicate effectively with the public soon loses its interest and support. Author Andrew Heck explains the many different ways in which professional communication now occurs while Leslie Sage explains how such communication should be done. Astronomy done with spacecraft and large equipment is very expensive and the funds for those ultimately come from the public. The cost of astronomy prorated over the number of research astronomers is perhaps the highest in all the sciences. If astronomers do not share their results with the public, they will lose its support. However, for most astronomers the desire to share and educate dominates over the pragmatic need to win public support. With the advent of new

communication techniques (television, videos, CDs, DVDs, animation, simulations) we have new methods to communicate, in addition to the conventional ones of the printed and spoken word.

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.

Covering more than eighty years of anime history and over three thousand titles, the authors show how the anime universe has influenced creative cultures far beyond its native Japanese shores.

Discover how to recycle throwaways into origami art. Twenty-nine well-illustrated transformations include an autumn leaf from a lotto ticket, a flower from a tea bag wrapper, and other inventive treasures.

Origami goes global with 33 models by designers from more than 15 countries, including Australia, Hungary, Bolivia, China, India, and more. Figures range from simple to moderately difficult and include a frog, ocean liner, penguin, hot air balloon, dragon, and kangaroo. Notes on each model include comments on individual styles and methods of paperfolding.

Wondrous One Sheet Origami is a how-to book full of beautiful origami designs covering a wide range of folding levels from simple to high intermediate, with more emphasis on the latter. The book is meant for audiences 12 years of age and above, and children folding at higher than age level. Most of the designs are flat and suitable for mounting on cards or framing as gifts. Features • Richly illustrated full-color book with clear, crisp diagrams following international standard, and an abundance of photographs of finished models • Select designs hand-picked by the author based on social media responses • Most of the designs incorporate color-change, a technique showing both sides of paper for enhanced beauty "Meenakshi Mukerji's work is both intricate and lovely. She's greatly respected in the origami world, one of the well-known world leaders in modular origami. Her books offer a nice exposition of the mathematical elements, but you're not being hit over the head with math lessons. You learn things without even realizing that you have." –Dr. Robert J. Lang "Meenakshi Mukerji is one of today's masters of modular origami, designs comprised of multiple pieces of paper. She also brings her ingenuity and creativity to designs made from a single piece of paper. Among the most appealing aspects of her single sheet work is the way she subtly manipulates a purely geometric form to fold a flower, a leaf, a butterfly, or card suits." –Peter Engel

Instructions and diagrams for fashioning such simple objects as a flower, Japanese box, and church as well as more challenging projects such as a squirrel on a log, birds in a nest, a unicorn, and a full-rigged sailing ship. Over 30 entertaining projects for origami fans of all ages and abilities.

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

By United Nations estimates, 60 percent of the world's population will be urban by 2030. With the increasing speed of urbanization, especially in the developing world, scholars are now rethinking standard concepts and histories of modern cities. *The Spaces of the Modern City* historicizes the contemporary discussion of urbanism, highlighting the local and global breadth of the city landscape. This interdisciplinary collection examines how the city develops in the interactions of space and imagination. The essays focus on issues such as street design in Vienna, the motion picture industry in Los Angeles, architecture in Marseilles and Algiers, and the kaleidoscopic paradox of post-apartheid Johannesburg. They explore the nature of spatial politics, examining the disparate worlds of eighteenth-century Baghdad, nineteenth-century Morelia, Cold War-era West Berlin, and postwar Los Angeles. They also show the meaning of everyday spaces to urban life, illuminating issues such as crime in metropolitan London, youth culture in Dakar, "memory projects" in Tokyo, and Bombay cinema. Informed by a range of theoretical writings, this collection offers a fresh and truly global perspective on the nature of the modern city. The contributors are Sheila Crane, Belinda Davis, Mamadou Diouf, Philip J. Ethington, David Frisby, Christina M. Jiménez, Dina Rizk Khoury, Ranjani Mazumdar, Frank Mort, Martin Murray, Jordan Sand, and Sarah Schrank.

Imagine mathematics, imagine with the help of mathematics, imagine new worlds, new geometries, new forms. Imagine building mathematical models that make it possible to manage our world better, imagine solving great problems, imagine new problems never before thought of, imagine combining music, art, poetry, literature, architecture, theatre and cinema with mathematics. Imagine the unpredictable and sometimes counterintuitive applications of mathematics in all areas of human endeavour. This seventh volume starts with a homage to the Italian artist Mimmo Paladino who created exclusively for the Venice Conference 2019 ten original and unique works of art paper dedicated to the themes of the meeting. A large section is dedicated to the most recent Fields Medals including a Homage to Maryam Mirzakhani including a presentation of the exhibition on soap bubbles in art and science that took place in 2019. A section is dedicated to cinema and theatre including the performances by Claire Bardainne & Adrien Mondot. A part of the conference focused on the community of mathematicians, their role in literature and even in politics with the extraordinary example of Antanas Mockus Major of Bogotá. Mathematics in the constructions of bridges, in particular in Italy in the Sixties was presented by Tullia Iori. A very particular contribution on Origami by a mathematician, Marco Abate and an artist, Alessandro Beber. And many other topics. As usual the topics are treated in a way that is rigorous but captivating, detailed and full of evocations. This is an all-embracing look at the world of mathematics and culture. The world, life, culture, everything has changed in a few weeks with the Coronavirus. Culture, science are the main ways to safeguard people's physical and social life. Trust in humanity's creativity and ability. The motto today in Italy is Everything will be fine. This work is addressed to all those who have an interest in Mathematics.

Project Origami: Activities for Exploring Mathematics, Second Edition presents a flexible, discovery-based approach to learning origami-math topics. It helps readers see how origami intersects a variety of mathematical topics, from the more obvious realm of geometry to the fields of algebra, number theory, and combinatorics. With over 100 new pages, this updated and expanded edition now includes 30 activities and offers better solutions and teaching tips for all activities. The book contains detailed plans for 30 hands-on, scalable origami activities. Each activity lists courses in which the activity might fit, includes handouts for classroom use, and provides notes for instructors on solutions, how the handouts can be used, and other pedagogical suggestions. The handouts are also available on the book's CRC Press web page.

Reflecting feedback from teachers and students who have used the book, this classroom-tested text provides an easy and entertaining way

for teachers to incorporate origami into a range of college and advanced high school math courses. Visit the author's website for more information.

Origami Masters Bugs How the Bug Wars Changed the Art of Origami Race Point Pub

Presents instructions for folding thirty-nine origami models, from geometrical figures to an elephant--each made from a single sheet of paper--that emphasize the mathematical principles behind each design.

'The Origami Bible' is packed with familiar favourites such as CD cases, envelopes, and hats, combined with brand new designs - elephants, tadpoles, and unique modular forms that can be used as home accents or decorative display pieces. From choosing the right paper to understanding the symbols, from building 12-fold designs to 24-fold models, this book will make an invaluable reference work for all folders, whether complete beginners, or intermediate and advanced artists. Author Nick Robinson focuses on mastery of technique and creativity - showing how designs are forged, what creative processes are involved, and how existing works can be adapted. Fully illustrated in colour, 'The Origami Bible' will enable readers, whatever their level of skill, to fold almost any design, traditional or contemporary. The emphasis is on creativity, encouraging the reader to combine and extend existing techniques to produce new origami works.

Presents instructions for creating a variety of origami animals.

This unique book by an origami master uses geometric and mathematical principles as well as rectangular paper to create a wide range of insects, plants, trees, animals, and fantastic creatures. Original models include hummingbirds, dragonflies, peacocks, rabbits, toads, fish, maple leaves, the golden beetle, a praying mantis, a tortoise, and more.

Shadowfolds are a rich blend of traditional motifs expressed in a contemporary style. The technique, pioneered by artist Chris K. Palmer, creates patterns from a single, uncut panel of cloth, using a simple, three-step process. In Shadowfolds, Jeff Rutzky, himself an accomplished and passionate origamist, and Palmer offer detailed and fascinating information about the technique and its origins in both Moorish tile and classic Japanese origami. Palmer first encountered the elaborate mosaics of the Alhambra and became intrigued with learning to translate these patterns into folded paper. He turned for inspiration to the work of Japanese origami masters Tomoko Fuse, Jun Maekawa, Toshikazu Kawasaki and Shuzo Fujimoto, as well as to the great American origami artists Robert Lang and Peter Engel. The transition to working in cloth followed. The flexible property of cloth allows pleats to be folded to augment and give a dimensionality not present in a flat surface; and the translucent quality adds a unique intricacy to the geometric patterns. When lines in a pattern are folded as pleats, the resulting shapes formed by the pleats become part of the artistic expression of the material. The possibilities for using Shadowfolds in design are limitless. Some applications take advantage of light shining through the fabric, others show the richness of the folds that have a depth all their own. In addition to explaining the three very simple steps of the technique, the authors show how even novice folders can create breathtaking works of textile art, as well as fashion-forward clothes, accessories and home furnishings incorporating these three-dimensional embellishments. They also include a section of patterns, and fabric and craft resources.

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.

A detailed step-by-step guide to the ancient art of paper folding shows how to create the classic origami animals, as well as entire bird mobiles and holiday ornaments.

Chunky, kawaii, blocky and adorable, these 16 clever folded paper animals all conceal a secret—they double as containers to store precious objects or small gift items like money, candy or notes. Though they're perfect for those special gifts to friends and loved ones, these cute animal models are almost too sweet to give away! You'll want to fold up the entire collection and display it proudly on your own desk or shelf. Each animal model has its own distinct personality: The pointy-nosed Collie is eager to please, sitting at attention waiting for you to put something in the recess on her back. Two different Fat Hippo models appear to be wading, open-mouthed and hungry for something to eat. A two-toned Chunky Whale has enough room in its belly for little candies, folded money or secret notes. A pair of friendly Box Dragons stand ready to guard whatever you entrust to them, be it a golden treasure or a special keepsake. A chicken family—complete with Hen, Rooster, their cute Little Chick and a Baby Hatchling. And many more! The full-color book in this kit contains detailed step-by-step folding instructions for each model as well as a clear overview of the origami paper folding basics. There is enough colorful folding paper provided with the kit to allow you to create each of the models. This kit includes: A full-color 64-page instruction book. Step-by-step folding instructions. 48 high-quality single-sided origami folding sheets.

Create miniature versions of your favorite creatures! *Realistic Origami Animals* shows you how to create 32 exquisite paper animals designed by renowned origami master, Fumiaki Kawahata. This diverse collection features many unusual models that will bring your origami skills to the next level and help you to explore the endless possibilities of paper folding. This full-color book has detailed, step-by-step instructions showing you exactly how to fold each of the 32 impressive animals, including: Bison—A sturdy model with a distinctive hump and a beard. Elk—Boasts an impressive rack of antlers in a contrasting color. Flying Squirrel—A kinetic piece captured mid-flight with its "wings" outstretched. Dachshund—An adorable "stretched" pup who makes an amusing companion. Kangaroo—A muscular marsupial with a sweet little joey peeking out from its pouch. Gorilla—A powerful presence with a furrowed brow that will make you think twice before going too close. And many more! Kawahata's clever projects draw their realism from unique and innovative folding patterns—no wet folding required!

A pioneering look at same-sex desire in Japanese modernist writing.

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

Create a collection of vehicles through the art of origami. Over one thousand illustrations will guide you in folding these works of art for yourself. This is one of those rare collections that is geared towards the advanced origami folder and is sure to provide many hours of fun challenges. There are also chapters to aid you with paper choice and preparation. Each model is prefaced with some insight into the creative process. A wide range of subjects are tackled, including the whimsical *Catching a Plane* and *Prehistoric Car*. Everything from two wheelers to spacecraft is covered such as the quaint *Penny-farthing* to the modern *Satellite*. The connections between origami, mathematics, science, technology, and education have been a topic of considerable interest now for several decades. While many individuals have happened upon discrete connections among these fields during the twentieth century, the field really took off when previously isolated individuals began to make stronger connections with each other.

through a series of conferences exploring the links between origami and "the outside world." The Fourth International Meeting on Origami in Science, Mathematics, and Education (4OSME), held in September, 2006, at the California Institute of Technology in Pasadena, California, brought together an unprecedented number of researchers presenting on topics ranging from mathematics, to technology, to educational uses of origami, to fine art, and to computer programs for the design of origami. Selected papers based on talks presented at that conference make up the book you hold in your hands.

Origami, the art of paper folding, has a rich mathematical theory. Early investigations go back to at least the 1930s, but the twenty-first century has seen a remarkable blossoming of the mathematics of folding. Besides its use in describing origami and designing new models, it is also finding real-world applications from building nano-scale robots to deploying large solar arrays in space.

Written by a world expert on the subject, *Origametry* is the first complete reference on the mathematics of origami. It brings together historical results, modern developments, and future directions into a cohesive whole. Over 180 figures illustrate the constructions described while numerous 'diversions' provide jumping-off points for readers to deepen their understanding. This book is an essential reference for researchers of origami mathematics and its applications in physics, engineering, and design. Educators, students, and enthusiasts will also find much to enjoy in this fascinating account of the mathematics of folding.

An entertaining reference to popular Japanese TV shows, from the publisher of *The Anime Encyclopedia*.

Unique and wildly creative, this mathematical and geometric approach to origami contains 40 models of cubes, towers, and geometric shapes as well as puzzles and models of everyday items— all folded from rectangular paper. This is the first publication outside Japan of these original figures, offering intermediate level and serious origamists an intriguing blend of art and science. Dover (2012) English translation and new selection of models from *Genuine Origami 2*, Japan Publications Trading Co. Ltd., Japan, 2009.

Oriland Magic Star will show you how to create mesmerizing action origami - fabulous variations of the one and only Magic Star of Oriland! The Magic Star is a star-like shaped polyhedral torus that can be rotated, so its surface constantly transforms with sections squeezing in the center and straightening at the 'equator', while you see the changing pattern of folds and colors that has a mesmerizing effect! Watch Oriland Magic Star in action in this video <http://www.youtube.com/watch?v=cjfYLS1lc5U> Do-It-Yourself - fold these fantastic action models, originally designed by Yuri and Katrin Shumakov, and experience the mystery of The Oriland Magic Star firsthand! On 90 pages of this book there are 360 detailed step-by-step colorful vector- and photo-diagrams with thorough written instructions and photos of examples of completed projects that will guide you through folding the 6 original origami designs including the one-piece Magic Star and modular Magic Stars. In each article, there are recommendations on paper type and size with indication of the size of the completed model, as well as suggestions on color schemes to get rainbow, hypnotic rings, chess, yin-yang effects on your Magic Stars. The designs are intermediate and complex level of folding and are a good challenge for the experienced folder and the expert alike. Folding the modules is easy, though the assembly of the star might be challenging, but the result is oh! how satisfying! Have a creative and fun time with this book making mesmerizing Oriland Magic

Stars! Happy folding! For more details on this book and the model menu, please visit our website at http://www.oriland.com/store/books/oriland_magic_star/main.php Action Origami Series: Volume 1 (this book): <http://www.amazon.com/dp/1497383994/> Volume 2: <http://www.amazon.com/dp/1500603619/>

Oriland Balloon Ride will show you how to make fabulous origami hot air balloons of various shapes from the classic "inverted tear drop" balloons to the sophisticated round balloons à la Montgolfier! Begin your origami balloon adventure! Do-It-Yourself - fold these fantastic volumetric designs, created by Yuri and Katrin Shumakov! There are one-piece balloon designs as well as multi-piece balloons, consisting of a balloon envelope and a basket, connected together without any glue, just using clever paper locks. Balloon envelopes differ by shapes, types of locks, quantity of pieces of paper (modular and one-piece) and quantity of sections. There are two types of baskets presented with these origami balloons - the Square Basket and the Round Basket. In the in-depth introduction to the book, the authors are shedding light on Oriland origami balloon designs, its different variations and gives practical advises, so that you will have all the insights to begin your origami balloon fiesta fun! There are 530 detailed step-by-step colorful vector- and photo-diagrams with thorough written instructions and 100+ photos of examples of completed projects that will guide you through folding the 11 original origami designs. For every project, there are recommendations on paper type and size including an indication of the size of the completed model. The designs are intermediate and complex level of folding and are a good challenge for the novice folder as well as an enjoyable experience for the expert. Fold these unique cheerful designs of hot air balloons! They can be a wonderful decoration and a treasured gift for your friends and family. Have a wonderful and fun time with this book creating a whole fleet of fabulous origami hot air balloons! Happy folding! For free downloads of printable balloon patterns and more details on this book, visit our website at http://www.oriland.com/store/books/oriland_balloon_ride/main.php The designs included into this book are: Hot Air Balloon (Modular Envelope, Outside Top Lock), Square Basket, 1-Piece Hot Air Balloon (Outside Top Lock), 1-Piece Tubby Balloon (Outside Top Lock), Hot Air Balloon (Modular Envelope, Inside Top Lock), the 1-Piece Hot Air Balloon (Inside Top Lock), 1-Piece Tubby Balloon (Inside Top Lock), Montgolfier Balloon (8-Module Envelope), Round Basket, Montgolfier Balloon (4-Module Envelope), Montgolfier Balloon (1-Piece Envelope).

In this book, the first collection of its kind, you will hear insights directly from the mouths and minds of the anime and manga creators themselves, in interviews with are often the only ones on record in English. some of these creators are larger-than-life legends in their native Japan, some are up-and-coming young talents, but all have a lot to say on the subject of their work. Presents instructions for creating twelve bug models from some of the biggest names in modern origami, in a tribute to the "Bug Wars" of the 1980s and 1990s that saw top folders compete to create complex origami figures.

Create a collection of sixteen advanced origami models. Detailed illustrations will guide you in folding a wide range animal models, including a selection of birds, bears and other wildlife.

Provides step-by-step instructions for folding paper kites, boats, hats, boxes, butterflies, cups, fans, flowers, spiders, and mobiles and includes little known facts about origami

Here at last is an origami book intended solely for the advanced paperfolder. Groundbreaking in concept and challenging in content, it presents sixty-five ingenious projects by respected masters working in a variety of themes and origami genres. From Toshikazu Kawasaki's Unique Iso-area Folding Method to David Briil's remarkable "bottle" to Peter Engel's playful "kangaroo," the featured designs have been carefully chosen to test the refined sensibilities and stimulate the artistic appetites of the origami devotee. If you are an accomplished paperfolder you will be inspired by the beauty and logic of the geometric form as discovered in such designs as Hourglass, Rotating Tetrahedon, Brain Ticklers, and Extraterrestrial Being. You will delight in the wit and poetry of representational origami as you create delicate and winsome patterns for Kitten, Goose, Pelican, Giraffe, Camellia, Spiral Snail Shell, Ground Beetle, Pine Cone, Fox, and many more designs. What's more, you will find the key to successfully mastering numerous intricate techniques and complex paper fold...with ease! This is no ordinary origami workbook. Complicated processes are made highly accessible-yet remain daring-through clear, concise instructions and highly detailed diagrams. One of the unexpected joys of the book is that its mentally invigorating text will serve as an ongoing inspiration to novel approaches and new origami adventures - even after you have completed a project.

Won Park has taken the ancient art of origami to a whole new level. Using American currency, Park transforms dollar bills into creative works of art. He relies on the fibrous quality of the paper to fold, bend and twist hundreds of times per model without tearing. With no cutting and no pasting, Park is able to incorporate the details on the bills into his model designs. His signature koi fish is folded in such a way that the patterns on the dollar bill become the scales on the fish, and even the facial features fall in exactly the right place. His designs include a wide array of vehicles, animals, and mythical creatures. In this book, step-by-step instructions are provided for 20 distinct models that are bound to challenge even the most proficient folders. The challenge includes a Formula 1 race car, a toilet, a butterfly, a koi fish, a scorpion, a sea turtle, a fox, an ox, a marlin, a car, a praying mantis, a dragon, a spider, a stag beetle, a stegosaurus, a bat, Pegasus, a fighter jet, a battle tank, and a pig. All models can be made with either one or two dollar bills. Why worry about the declining value of the U.S. dollar? Follow the instructions in this book, and you can transform your dollars into works of art!

Internationally renowned origami artist John Montroll presents 26 models of horses. Full-color illustrations accompany detailed instructions for folding fanciful figures -- including a stick horse, rocking horse, unicorn, and Pegasus -- as well as actual breeds such as Clydesdale, thoroughbred, and mustang. Suitable for folders at all levels, the models range from simple to complex. Dover Original.

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