

# 3d Origami 15 Cute Creatures To Make Using Modula

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## **Popular Science** - 2005-09

Popular Science gives our readers the information and tools to improve their technology and their world. The core belief that Popular Science and our readers share: The future is going to be better, and science and technology are the driving forces that will help make it better.

## Exquisite Modular Origami II - Meenakshi Mukerji 2015-10-15

This is a step by step how-to book for making modular origami models based on polyhedra. It seems like there are myriad modular origami designs out there these days; anything that joins goes. However, in this book, Meenakshi Mukerji's sixth, she still has much more to offer, with the designs presented some of her best yet. After a successful Exquisite Modular Origami, this second volume is a natural follow up. Handpicked by the author, the models are not only beautiful, but have been subjected to rigorous design criteria such as sturdiness of the locking mechanism, easy starting paper proportions, mostly squares, and absence of inserts or separate joining units. The aesthetic appeal lies in clean well defined lines. The designs are all-new and like before, works of three new, very creative guest artists have been included as well. In grayscale, the book is practically a bargain because it is as effective as folding from a color book. Color photos of most designs are on the cover for your viewing pleasure. Just when you think you are running out of satisfying modular origami to fold, here now you have dozens more exciting new ones to enjoy. Do visit the author's popular website [www.origamee.net](http://www.origamee.net) for more ideas and color photos.

## *The Origami Garden* - Ioana Stoian 2016-01-05

..This collection of 40 charming origami designs includes delightful flowers and foliage, cute animals, and other backyard critters that are sure to inspire you to get folding...Each cleverly designed origami pattern is complete with detailed step-by-step artwork and flagged according to skill level. Learn how to fold traditional forms such as birds or butterflies, or try out some cute, contemporary designs such as a rabbit or a ladybug. Included are 20 sheets of origami paper so you can get started right away. Origami is fun, inexpensive, and great for sharing with others"--

## **Kusudama Origami** - Ekaterina Lukasheva 2014-02-20

"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"--

## Origami Art - Michael G. LaFosse 2017-10-03

Fold advanced origami projects with this beautiful origami book. From the Origamido Studio, world-renowned origami artists Michael G. LaFosse and Richard L. Alexander introduce a unique collection of origami paper craft projects. Origami Art features folding instructions for complex 3D origami models. These featured origami projects will amaze and astound paper folders with their intricate and lifelike qualities. Also featured in this origami book are articles on paper selection and preparation for each project, advanced techniques, such as "wetfolding" and compound origami plant design and construction. LaFosse and Alexander embrace every aspect of this fascinating art form and present it brilliantly for advanced paper folders and the artist in us all. While knowledge of some basic folds is needed, the clear, expert instructions allow readers to learn origami at a very high level, without requiring a great deal of previous origami knowledge or experience. This origami book contains: 144 pages of full-color Advanced origami folding techniques and tips Clear, step-by-step instructions 15 signature origami projects If you're

eager to dive into a premium collection of challenging origami designs, then this exciting paper folding guide is for you!

LaFosse's expert instructions will step you through the creation of origami masterpieces that are beautiful to behold and make wonderful gifts. Origami art projects include: American Alligator Pond Turtles Monk Seal Malaysian Birdwing Butterfly Munich Orchid And much more...

## **Advanced Calculus** - Lynn Harold Loomis 2014-02-26

An authorised reissue of the long out of print classic textbook, Advanced Calculus by the late Dr Lynn Loomis and Dr Shlomo Sternberg both of Harvard University has been a revered but hard to find textbook for the advanced calculus course for decades. This book is based on an honors course in advanced calculus that the authors gave in the 1960's. The foundational material, presented in the unstarred sections of Chapters 1 through 11, was normally covered, but different applications of this basic material were stressed from year to year, and the book therefore contains more material than was covered in any one year. It can accordingly be used (with omissions) as a text for a year's course in advanced calculus, or as a text for a three-semester introduction to analysis. The prerequisites are a good grounding in the calculus of one variable from a mathematically rigorous point of view, together with some acquaintance with linear algebra. The reader should be familiar with limit and continuity type arguments and have a certain amount of mathematical sophistication. As possible introductory texts, we mention Differential and Integral Calculus by R Courant, Calculus by T Apostol, Calculus by M Spivak, and Pure Mathematics by G Hardy. The reader should also have some experience with partial derivatives. In overall plan the book divides roughly into a first half which develops the calculus (principally the differential calculus) in the setting of normed vector spaces, and a second half which deals with the calculus of differentiable manifolds.

## *Zen Origami* - Maria Sinayskaya 2016-04-15

Find your peace of mind through the art of paper folding! There can be meditative aspect to many craft projects. From doodling complex patterns (Zentangles), to coloring intricate designs, to knitting geometric and elaborate designs, super-involved crafts are being embraced for peace of mind and quietude they offer. Zen Origami brings this trend to the popular art of origami. The repetitive and delicate folds involved in creating modular origami forms are perfect for the mindful movement. These 20 beautiful modular origami projects take time, steadiness of hand, and immersion of thought to complete, offering contemplative sessions that manifest in beautiful pieces of art. This book comes with 400 sheets of origami paper, so you can make more than a dozen modular creations.

## Wondrous One Sheet Origami - Meenakshi Mukerji 2019-09-20

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

**3D Origami** - Maria Angela Carlessi 2016-03

3D origami is a new and original technique that doesn't require any special skills. Maria Angela Carlessi shows you how to use individual triangular folds to construct impressive modular designs. There are 15 colourful creatures to make including rabbits, owls, squirrels, dogs, cats and even a tortoise. Each project comes with detailed instructions, making them easy and fun for papercrafters of all skill levels.

**Origami 1-2-3** - David Petty 2002-04

Patterns and tips for origami.

**Origamido** - Michael G. LaFosse 2000

This book showcases the finest examples of origami art from around the world. Several diagrams are included that reveal the secrets behind some of the masters' most famous pieces.

Amazing Origami Boxes - Tomoko Fuse 2018-04-18

Beautiful, full-color photographs accompany step-by-step instructions and diagrams for 20 functional boxes, which range from conventional squares to those in the form of a bird, basket, cat's head, flower, and more.

*Backpacker* - 2001-03

Backpacker brings the outdoors straight to the reader's doorstep, inspiring and enabling them to go more places and enjoy nature more often. The authority on active adventure, Backpacker is the world's first GPS-enabled magazine, and the only magazine whose editors personally test the hiking trails, camping gear, and survival tips they publish. Backpacker's Editors' Choice Awards, an industry honor recognizing design, feature and product innovation, has become the gold standard against which all other outdoor-industry awards are measured.

**Easy Origami for Beginners** - Michael G. LaFosse 2020-10-20

A complete introduction to origami paper folding for beginners at an unbeatable price! Easy Origami for Beginners is the ideal beginner's introduction to the magic of origami. This value-packed collection shows you how to fold the 20 most popular origami models that everyone loves to make. It is fully illustrated in color with simple and clear step-by-step instructions for each model. Included are the following delightful projects: A Picture Frame — a useful and inexpensive way to display your favorite family photos A Mother Duck and Duckling — an adorable duck and duckling pair that requires only one sheet of paper! A Hibiscus Blossom — one of two "modular" designs in the book that use several folded sheets to form a blossom that looks complicated (but isn't!) The Dart Glider — a classic paper airplane that's fun to fold, but even more fun to fly! An Inflatable Bunny Balloon — the most challenging (and rewarding!) model in the book...a puff of air makes it 3D! And many more! The clear, colorful instructions in this book make it easy to create amazing paper models without any previous paper-folding experience. Perfect for adults or kids, and the ideal gift for someone who would like to try their hand at the traditional Japanese art of origami!

*The Ultimate Origami Book* - Larousse 2020

"Twenty projects with complete step-by-step illustrations and instructions are presented, along with 184 sheets of craft paper in a range of colors and patterns"--

World Social Report 2020 - Department of Economic and Social Affairs 2020-02-14

This report examines the links between inequality and other major global trends (or megatrends), with a focus on technological change, climate change, urbanization and international migration. The analysis pays particular attention to poverty and labour market trends, as they mediate the distributional impacts of the major trends selected. It also provides policy recommendations to manage these megatrends in an equitable manner and considers the policy implications, so as to reduce inequalities and support their implementation.

**Learn Python 3 the Hard Way** - Zed A. Shaw 2017-06-26

You Will Learn Python 3! Zed Shaw has perfected the world's best system for learning Python 3. Follow it and you will succeed—just like the millions of beginners Zed has taught to date! You bring the discipline, commitment, and persistence; the author supplies everything else. In *Learn Python 3 the Hard Way*, you'll learn Python by working through 52 brilliantly crafted exercises. Read them. Type their code precisely. (No copying and pasting!) Fix your mistakes. Watch the programs run. As you do, you'll learn how a computer works; what good programs look like; and how to read, write, and think about code. Zed then teaches you even more in 5+ hours of video where he shows you how to break, fix, and debug your code—live, as he's doing the exercises. Install a complete Python environment Organize and write code Fix and break code Basic mathematics Variables Strings and text Interact with users Work with files Looping and logic Data structures using lists and dictionaries Program design Object-oriented programming Inheritance and composition Modules, classes, and objects Python packaging Automated testing Basic game development Basic web development It'll be hard at first. But soon, you'll just get it—and that will feel great! This course will reward you for every minute you put into it. Soon, you'll know one of the world's most powerful, popular programming languages. You'll be a Python programmer. This Book Is Perfect For Total beginners with zero programming experience Junior developers who know one or two languages Returning professionals who haven't written code in years Seasoned professionals looking for a fast, simple, crash course in Python 3 An Introduction to Language and Linguistics - Ralph Fasold 2006-03-06

This accessible textbook is the only introduction to linguistics in which each chapter is written by an expert who teaches courses on that topic, ensuring balanced and uniformly excellent coverage of the full range of modern linguistics. Assuming no prior knowledge the text offers a clear introduction to the traditional topics of structural linguistics (theories of sound, form, meaning, and language change), and in addition provides full coverage of contextual linguistics, including separate chapters on discourse, dialect variation, language and culture, and the politics of language. There are also up-to-date separate chapters on language and the brain, computational linguistics, writing, child language acquisition, and second-language learning. The breadth of the textbook makes it ideal for introductory courses on language and linguistics offered by departments of English, sociology, anthropology, and communications, as well as by linguistics departments.

3D Origami - Botique-Sha Staff 2000

3D Origami is a Japan Publications publication.

*Modular Forms, a Computational Approach* - William A. Stein 2007-02-13

This marvellous and highly original book fills a significant gap in the extensive literature on classical modular forms. This is not just yet another introductory text to this theory, though it could certainly be used as such in conjunction with more traditional treatments. Its novelty lies in its computational emphasis throughout: Stein not only defines what modular forms are, but shows in illuminating detail how one can compute everything about them in practice. This is illustrated throughout the book with examples from his own (entirely free) software package SAGE, which really bring the subject to life while not detracting in any way from its theoretical beauty. The author is the leading expert in computations with modular forms, and what he says on this subject is all tried and tested and based on his extensive experience. As well as being an invaluable companion to those learning the theory in a more traditional way, this book will be a great help to those who wish to use modular forms in applications, such as in the explicit solution of Diophantine equations. There is also a useful Appendix by Gunnells on extensions to more general modular forms, which has enough in it to inspire many PhD theses for years to come. While the book's main readership will be graduate students in number theory, it will also be accessible to advanced undergraduates and useful to both specialists and non-specialists in number theory. --John E. Cremona, University of Nottingham William Stein is an associate professor of mathematics at the University of Washington at Seattle. He earned a PhD in mathematics from UC Berkeley and

has held positions at Harvard University and UC San Diego. His current research interests lie in modular forms, elliptic curves, and computational mathematics.

**Ornamental Origami** - Meenakshi Mukerji 2020-03-27

This book is a great resource for people who enjoy polyhedra, symmetry, geometry, mathematics and origami. The types of models presented are similar in nature to the models in Mukerji's *Marvelous Modular Origami*, but some of the chapters are more advanced and all of the designs are new. The reader can learn about polyhedra while making these models and is left with the ability to design one's own models. Step-by-step folding instructions for over 40 models are presented. Although the book is for intermediate folders, beginners are encouraged to try because origami basics are explained. The diagrams are easy to follow and each model is accompanied by breathtaking finished model photographs.

**All Things Paper** - Ann Martin 2013-05-21

Make decorative, simple do-it-yourself projects with this friendly guide to paper crafting. You and your family will love to spend hours making beautiful paper art, jewelry, and decorations with *All Things Paper*. This easy paper crafts book comes with simple-to-follow instructions and detailed photos that show you how to create colorful and impressive art objects to display at home—many of which have practical uses. It is a great book for experienced paper craft hobbyists looking for new ideas or for new folders who want to learn paper crafts from experts. Projects in this papercrafting book include: Candle Luminaries Citrus Slice Coasters Mysterious Stationery Box Everyday Tote Bag Silver Orb Pendant Fine Paper Yarn Necklace Wedding Cake Card Perfect Journey Journal And many more... All the projects in this book are designed by noted paper crafters like Benjamin John Coleman, Patricia Zapata, and Richela Fabian Morgan. They have all been creating amazing objects with paper for many years. Whether you're a beginner or have been paper crafting for many years, you're bound to find something you'll love in *All Things Paper*. Soon you will be on your way to creating your own designs and paper art.

**Mind-Blowing Modular Origami** - Byriah Loper 2016-10-11

Modular origami is the latest craze in paper folding! These three-dimensional models are created from a number of small pieces of paper that are easily folded and then cleverly fit together to form a spectacular shape. They range from paper polyhedra to bristling buckyballs that are reminiscent of sea urchins—to ornate flower-like spheres. Each piece of paper is held by the tension of the other papers—demonstrating the remarkable hidden properties of paper, which is at the same time flexible but also strong! Author Byriah Loper has been creating modular origami sculptures for just five years, but in that time, he's pushed the upper limits of the art form with some of the largest, most complex geometric paper constructions ever assembled. While many geo-modular origami artists focus on creating dense floral spheres, Byriah has pioneered the open, linear "wire frame" approach, which results in a very complex-looking model that reveals the interior of its form. He exhibits his sculptures annually at the Origami USA convention in New York, and was recently a featured artist at the "Surface to Structure" exhibition at the Cooper Union gallery in the East Village. A great way to learn origami, the easy-to-follow diagrams and step-by-step instructions in this book show you how to fold the paper components and then assemble them to create 22 incredible models. Each model is a new challenge, and the paper sculptures you create look fantastic on your desk or shelf!

**Beginner's Book of Modular Origami Polyhedra** - Rona Gurkewitz 2012-03-07

This manual features 17 easy-to-master projects involving the Platonic solids: the tetrahedron, hexahedron, octahedron, dodecahedron, and icosahedron. Includes detailed diagrams and photos of all the completed models.

**Strengthening Forensic Science in the United States** - National Research Council 2009-07-29

Scores of talented and dedicated people serve the forensic science community, performing vitally important work. However, they are often constrained by lack of adequate resources, sound policies, and national support. It is clear that change and advancements, both systematic and scientific, are needed in a

number of forensic science disciplines to ensure the reliability of work, establish enforceable standards, and promote best practices with consistent application. *Strengthening Forensic Science in the United States: A Path Forward* provides a detailed plan for addressing these needs and suggests the creation of a new government entity, the National Institute of Forensic Science, to establish and enforce standards within the forensic science community. The benefits of improving and regulating the forensic science disciplines are clear: assisting law enforcement officials, enhancing homeland security, and reducing the risk of wrongful conviction and exoneration. *Strengthening Forensic Science in the United States* gives a full account of what is needed to advance the forensic science disciplines, including upgrading of systems and organizational structures, better training, widespread adoption of uniform and enforceable best practices, and mandatory certification and accreditation programs. While this book provides an essential call-to-action for congress and policy makers, it also serves as a vital tool for law enforcement agencies, criminal prosecutors and attorneys, and forensic science educators.

**Origami Zoo** - Robert J. Lang 1990-06-15

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.

**Tomoko Fuse's Origami Boxes** - Tomoko Fuse 2018-04-10

With this origami-how-to book, learn how to fold unique gift boxes that are as unique as the treasures they hold! Considered the most famous living origami master, Tomoko Fuse is known for her expertise in box-folding and other origami paper craft styles. The simple flat box, or *tato*, is an excellent introduction to the art of beginner origami and allows readers to "start small," then build to more intricate pieces. Handmade paper boxes are an expression of origami crafts at their very best. Experiment with different thicknesses, textures, and origami paper designs of paper for a true one-of-a-kind presentation. Step by step instructions and diagrams guide you from start to finish as you create: Flat boxes in several different shapes Boxes with multifaceted tops Box tops with spiraled flourishes And so much more Origami box folding is a relaxing and satisfying craft for all levels of expertise and—with a little practice and this easy origami book—gift-giving will never be the same.

**Advanced Origami** - Michael G. LaFosse 2012-09-04

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 Origami Butterfly Pond Frog And many more...

*Origami Boxes* - Tomoko Fuse 2002

Origami Boxes is a Japan Publications publication.

**Animal Origami for the Enthusiast** - John Montroll 1985-03

Detailed instructions and illustrations describe how to create an assortment of origami animals, and discusses choosing the necessary supplies

Origami Stationery - Michael G. Lafosse 2014-11-25

Make beautiful, hand-made origami envelopes, note cards and other stationary with this great origami ebook! One of the casualties of the digital age is the elegance of a handwritten note.

World renowned origami artist Michael LaFosse introduces Origami Stationery which allows origami paper craft folders to create more than just a note, but a work of art that will accent your personal messages. These folded pieces of easy origami art make an ideal accompaniment to a gift, or to commemorate a holiday or birthday, or just for sending a heartfelt message to a friend or loved one and are a great way to learn origami techniques. This do-it-yourself ebook includes: A full-colored 64-page booklet clear step-by-step instructions and easy-to-follow diagrams 15 fun origami projects In this origami ebook you will find both traditional and modern examples of the art of the folded note. The scope is from simple origami to intricate origami art; abstract to representational; somber to whimsical: a wide range of paper folding possibilities! Custom printed papers are included to make your notes well dressed for any occasion. Once you learn how to fold any of these origami designs you can explore many kinds of fine papers for your notes. All of the projects use square shaped paper, which doesn't necessarily need to be origami paper. You will soon have your favorites committed to memory. Then it will be easy to whip up a quick origami note for a "Thank you!", "Sorry I missed you," or "Congratulations!" Even the humblest papers are elevated to elegance by paper folding. Origami projects include: Flapping Bird Envelope Pillow Note Twist Note Hashi Wrapper Note And many more... Sending cards and personal notes has never been so much more fun with Origami Stationery!

*Atlanta* - 2003-12

Atlanta magazine's editorial mission is to engage our community through provocative writing, authoritative reporting, and superlative design that illuminate the people, the issues, the trends, and the events that define our city. The magazine informs, challenges, and entertains our readers each month while helping them make intelligent choices, not only about what they do and where they go, but what they think about matters of importance to the community and the region. Atlanta magazine's editorial mission is to engage our community through provocative writing, authoritative reporting, and superlative design that illuminate the people, the issues, the trends, and the events that define our city. The magazine informs, challenges, and entertains our readers each month while helping them make intelligent choices, not only about what they do and where they go, but what they think about matters of importance to the community and the region.

Mind-Blowing Paper Puzzles Ebook - Haruki Nakamura 2019-10-15

Channel your inner M.C. Escher with these brain teaser puzzles! These easily assembled 3D puzzles are each composed of many identical pieces that cleverly fit together to become a larger geometric form. Noted Japanese papercraft designer Haruki Nakamura created this wonderful collection of interlocking puzzles to intrigue and delight papercraft, puzzle and geometry enthusiasts alike. These endlessly entertaining paper puzzles are impossible to put down. They include the following models: Dodecahedron Bears and Frogs—cute animal "couples" that form a 12-faced geodesic sphere when fitted together. Bird and Fish modules that dovetail together to create a seamless 3D form in a nod to Escher's Sky and Water woodcut. With the addition of some small craft magnets to its joined irregular octahedrons, a Reversible Dodecahedron that dramatically inverts itself when tossed into the air! An intricate Pyramid Box that conceals a secret inner chamber that is perfect for presenting a small gift to that special someone. The challenging 4-Piece Tetrahedron and 12-Lizard Cube provide a tremendous feeling of satisfaction once all of the pieces finally align into place. Plus many more! The

step-by-step instructions are very easy to follow and show you how to assemble the individual paper components, then how to put them together to create the larger interlocking models. The template of each piece is available to print, so get out some cardstock and your X-Acto knife and start cutting! Then simply bend or fold where indicated, and bind together with a little glue. Each project is a new challenge, and the finished objects are great conversation pieces that look fantastic on your desk or shelf!

*Dragons and Other Fantastic Creatures in Origami* - John Montroll 2014-03-19

"Instructions for 27 models of fantasy figures including 10 dragons, a wizard, ogre, unicorn, phoenix, and other imaginary creatures"--

Python Data Science Handbook - Jake VanderPlas 2016-11-21

For many researchers, Python is a first-class tool mainly because of its libraries for storing, manipulating, and gaining insight from data. Several resources exist for individual pieces of this data science stack, but only with the Python Data Science Handbook do you get them all—IPython, NumPy, Pandas, Matplotlib, Scikit-Learn, and other related tools. Working scientists and data crunchers familiar with reading and writing Python code will find this comprehensive desk reference ideal for tackling day-to-day issues: manipulating, transforming, and cleaning data; visualizing different types of data; and using data to build statistical or machine learning models. Quite simply, this is the must-have reference for scientific computing in Python. With this handbook, you'll learn how to use: IPython and Jupyter: provide computational environments for data scientists using Python NumPy: includes the ndarray for efficient storage and manipulation of dense data arrays in Python Pandas: features the DataFrame for efficient storage and manipulation of labeled/columnar data in Python Matplotlib: includes capabilities for a flexible range of data visualizations in Python Scikit-Learn: for efficient and clean Python implementations of the most important and established machine learning algorithms

The Complete Book of Origami - Robert J. Lang 2012-09-20

Create 37 figures with clear, step-by-step instructions and helpful diagrams. Simple to advanced objects include rocket, mouse, elephant, violinist, Viking ship, and many more.

*3D Origami Fun!* - Stephanie Martyn 2015-09-04

Imaginative 3D origami projects that anyone can make! Do you love the art of paper folding? Well, your favorite pastime goes 3D in this origami guide! Inspired by the kawaii style everyone loves, 3D Origami Fun! shows you how to up your paper-folding game with twenty-five spectacular projects. From cupcakes to butterflies to sea turtles, each page features detailed explanations and step-by-step photos for constructing eye-catching sculptures using basic folds and origami pieces. Whether you're new to paper crafts or a seasoned pro, this book will teach you how to build a variety of impressive 3D origami projects. So take out your paper, flex your fingers, and get ready to create dozens of fun origami projects you won't find anywhere else!

**Origami Animal Boxes Kit** - Kimura Yoshihisa 2020-07-07

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.

**Persistence Theory: From Quiver Representations to Data Analysis** - Steve Y. Oudot 2017-05-17

Persistence theory emerged in the early 2000s as a new theory in the area of applied and computational topology. This book provides a broad and modern view of the subject, including its algebraic, topological, and algorithmic aspects. It also elaborates on applications in data analysis. The level of detail of the exposition has been set so as to keep a survey style, while providing sufficient insights into the proofs so the reader can understand the mechanisms at work. The book is organized into three parts. The first part is dedicated to the foundations of persistence and emphasizes its connection to quiver representation theory. The second part focuses on its connection to applications through a few selected topics. The third part provides perspectives for both the theory and its applications. The book can be used as a text for a course on applied topology

or data analysis.

*Kawaii Origami* - Chrissy Pushkin 2019-04-02

Kawaii Origami book and paper pack has everything you need to make your very own Kawaii origami creations—from an origami ice cream cone to an origami cactus! Jump right in and start folding your way to cute with 50 sheets of adorable origami paper and 25 Kawaii-style origami projects with step-by-step instructions from the creator of the popular website Paper Kawaii, Chrissy Pushkin. After a tutorial on basic folds, use the included origami paper to create these adorable, easy-to-follow projects: Masu Box, Lucky Stars, Kawaii Envelopes, Water Balloon, Tea Bag, Tea Bag Envelopes, Love Knots, Dustpan & Scoop, Rectangular Masu Box, Cute Purse, Woven Bracelet, Woven Bookmark, Cat & Dog Hearts, Cactus, Round Pot, Bento Box, Mini Trash Bin, Mini Drawer, Stationery Boxes, Ice Cream, Sushi Roll Boxes, Nigiri Sushi Boxes, Flower Bowl, Star Bowl, and Twinkle Star. With this instructional book and included papers, you will be creating stunning and unique origami pieces like a pro in no time!