

Producing Independent 2d Character Animation Making Selling A Short Film Focal Press Visual Effects And Animation

Animation has a lot to do with acting. That is, character animation, not the standardized, mechanical process of animation. Acting and animation are highly creative processes. This book is divided into two parts: From film history we learn about the importance of actors and the variety of acting that goes into animation; then, we will turn to the actor's point of view to describe the various techniques involved. Through exhaustive research and interviews with people ranging from the late Ray Harryhausen, Jim Danforth, Joe Letteri, and Bruno Bozzetto, this book will be the primary source for animators and animation actors.

Animated Performance shows how a character can seemingly 'come to life' when their movements reflect the emotional or narrative context of their situation: when they start to 'perform'. The many tips, examples and exercises from a veteran of the animation industry will help readers harness the flexibility of animation to portray a limitless variety of characters and ensure that no two performances are ever alike. More than 300 color illustrations demonstrate how animal and fantasy characters can live and move without losing their non-human qualities and interviews with Disney animators Art Babbitt, Frank Thomas, Ollie Johnston and Ellen Woodbury make this a unique insight into bringing a whole world of characters to life. New to the second edition: A new chapter with introductory exercises to introduce beginner animators to the the world of animated acting; dozens of new assignments and examples focusing on designing and animating fantasy and animal characters.

Illustrated in color throughout, this comprehensive text not only looks at the technical and theoretical aspects of becoming skilled at using the light tools available in 3D software, but also provides invaluable tutorials so you can explore these techniques in-depth. Lighting is a core CG skill that makes or breaks a 3D environment. Providing all you need to master this vital aspect of CG, this comprehensive guide looks at the key concepts that can be applied in any 3D package. Every ounce of theory is backed up with practical tutorials, using the free demo version of 3ds max supplied on the accompanying CD-ROM. The tutorials deal with the fundamentals of lighting and as such are easily transferable to any other major 3D software package. The free CD also includes all the files needed to complete the tutorials step-by-step, as well as demo versions of Dark Tree Textures, Deep Paint 3D and Cinelook, acclaimed applications that every lighting artist should be aware of. If you are new to CG lighting, are thinking of specializing in this area, or want to brush up on your existing lighting skills, then this book will provide you with a one-stop master class so you too can achieve professional looking results.

Detailed text and drawings illuminate how to conceive animated characters.

Creating a 3D Animated CGI Short presents an insightful behind-the-scenes tour of the entire production process for 3D artists, animators, and independent filmmakers who are interested in creating their own CGI shorts as well as for those who are simply fans and enthusiasts of CGI films in general. This book presents detailed examples of every step of the production process; from initial concept through character design, set design, modeling, texturing, lighting, camera animation, character animation, lip sync, rendering, post-production, compositing, and all the way to film festival submissions and online web distribution. It truly has something for everyone interested in CGI films. Using readily available off-the-shelf hardware and software such as modo, LightWave 3D, FPrime, HD Instance, Peak, Shake, iMovie, iDVD, GarageBand and more, Creating a 3D Animated CGI Short shows how to produce a complete 3D animated CGI Short, including how to fund the production by taking on paid freelance projects along the way. Where other filmmaking books typically describe industry standard methodologies that are most effective for larger productions, this book shows how to drastically simplify and condense those processes and focus only on the essential elements that will enable a single artist or filmmaker to complete a CGI short on their own.

PRODUCING INDEPENDENT 2D CHARACTER ANIMATION takes an in-depth look at the artistry and production process of cel animation in a friendly, how-to manner that makes the sometimes tedious process of animation enjoyable and easy to understand. This book guides animators through every step of planning and production; includes examples of actual production forms, organization tips, screen shots, and sketches from the pre- to post-production processes; and contains detailed information on the hardware and software used to complete each step. By mapping out the course of how his small studio brainstormed, created, then produced its award-winning animation, TIMMY'S LESSONS IN NATURE, Mark Simon explains to animators what it takes-both creatively and resource-wise-to get their animations to market. Includes exclusive interviews with Oscar-nominated independent animator Bill Plimpton, Craig McCracken, creator of the POWER PUFF GIRLS, Craig "Spike" Decker of SPIKE & MIKE'S SICK AND TWISTED FESTIVAL OF ANIMATION, David Fine & Alison Snowden who are the Academy Award-Winning producers of BOB AND MARGARET, Cartoon Network's Senior Vice President of Original Animation, Linda Simensky, and Tom Sito, Co-Director of OSMOSIS JONES...as well as others.

Would you rather take months to learn every tool, every feature, and every concept in Adobe Animate or start right now making your own creations with just a few steps? Myra Ferguson is teaming up with Chris Georgenes to help you create great animation, bring objects to life with cool motion effects, and enhance your productivity in Animate CC! How to Cheat in Adobe Animate CC is a goldmine of artistic inspiration, time-saving practical tips, and step-by-step walkthroughs. Let your sasquatch sunbathe, your coyote howl, and your lint spider see the light of day. With real-world projects and project source files, you can follow along and try for yourself. This book includes all NEW content and cheats for Animate CC, such as making cinemagraphs, creating a double exposure effect, speeding up the process of making real life doodles, simulating a bokeh effect, converting your documents to HTML5, and more. Key Features • Glimpse into the workflow of digital media and animation experts and apply practical techniques and tips to your own projects with source files, examples, and tutorials. • Learn a myriad of tricks based on real-life working methods to help you work faster and more efficiently with new features in Adobe Animate CC and the Creative Cloud. • Work from the problem to the solution to gain the best possible results from Animate.

Packed with examples from classic and contemporary films, *The Fundamentals of Animation* presents each stage of the animation production process in an engaging visual style, whilst providing an historical and critical context for four core disciplines: drawn/cel; 2D/3D stop-motion; computer generated; and experimental animation. With insightful commentary from leading animators, Wells and Moore also introduce you to the many different career paths open to aspiring animators, from storyboard artist or character designer to VFX artist or writer and director. They also provide you with key tips on producing engaging portfolios and show reels. - Illustrated with over 300 images, including preliminary sketches, frame-by-frame analyses and shots of animators at work. - Now explores the animated documentary genre and the role of visual effects and gaming in contemporary animation. - Features more than 20 interviews with a range of international practitioners including Pete Docter, Director, *Monsters, Inc.* (2001), *Up* (2009) and *Inside Out* (2015). Featured Artists Sarah Cox, ArthurCox Lluís Danti, Media Molecule Pete Docter, Pixar Paul Driessen Eric Fogel Cathal Gaffney, Brown Bag Films Adam Goddard Philip Hunt, STUDIO AKA The Brothers McLeod Bill Plympton Ellen Poon, Industrial Light and Magic Barry Purves Joanna Quinn Chris Randall, Second Home Studios Maureen Selwood Koji Yamamura

A guide to the fundamental principles of animation covers figurative animation, timing, acting, design, animals in motion, sound synchronization, and technical issues.

To make great animation, you need to know how to control a whole world: how to make a character, how to make that character live and be happy or sad. You need to create four walls around them, a landscape, the sun and moon - a whole life for them. You have to get inside that puppet and first make it live, then make it perform. Susannah Shaw provides the first truly practical introduction to the craft skills of model animation. This is a vital book in the development of model animation which, following the success of Aardman's first full-length film '*Chicken Run*', is now at the forefront of modern animation. Illustrated in full colour throughout you are shown step by step how to create successful model animation. Starting with some basic exercises, readers will learn about developing a story, making models, creating sets and props, the mechanics of movement, filming, post production and how to set about finding that elusive first job in a modern studio.

Basics Animation 03: Drawing for Animation introduces readers to the practice of drawing images for use in animation. It examines the thinking process and techniques involved with drawing characters, composition and movement, narrative and adaptation. Drawing is a fundamental part of the preparatory stages of virtually all design-led projects. It is the core method by which ideas and concepts are envisaged and ultimately shared with collaborators, clients and audiences. Aimed at students and those interested in entering the animation business, this book explores the pre-production work essential for producing great animation. It gives readers a real insight into this work through its outstanding range of images.

The essential fundamentals of 3D animation for aspiring 3D artists 3D is everywhere--video games, movie and television special effects, mobile devices, etc. Many aspiring artists and animators have grown up with 3D and computers, and naturally gravitate to this field as their area of interest. Bringing a blend of studio and classroom experience to offer you thorough coverage of the 3D animation industry, this must-have book shows you what it takes to create compelling and realistic 3D imagery. Serves as the first step to understanding the language of 3D and computer graphics (CG) Covers 3D animation basics: pre-production, modeling, animation, rendering, and post-production Dissects core 3D concepts including design, film, video, and games Examines what artistic and technical skills are needed to succeed in the industry Offers helpful real-world scenarios and informative interviews with key educators and studio and industry professionals Whether you're considering a career in as a 3D artist or simply wish to expand your understanding of general CG principles, this book will give you a great overview and knowledge of core 3D Animation concepts and the industry.

Based on 10 years of animation teaching experience, this comprehensive guide to key techniques will ensure your skills best fit the computer animation workplace. A complete understanding of the vital animation drawing skills will be achieved by learning the pitfalls in a 2D exercise then applying these skills when using 3D animation packages.

Providing a broad coverage this book will be relevant whatever 3D package you use, Softimage XSI, Maya, 3ds max or LightWave. Just knowing and being able to use a specific 3D software package does not make you an animator, but reading this book will! The Free CD-ROM includes; how to animate exercises in each specific 3d animation program; short movies showing best practice; computer models so you can experiment and learn; a free demo copy and discount code for the best 2D animation software you can buy, DigiCel FlipBook. www.characteranimationin3d.com, provides further resources about the world of animation, extensive list of links, how to get a job, build a lightbox, make an animated movie and much more! * Improve your 3D animation by understanding the key 2D skills * Inspiring coverage for all that is needed to produce original, humorous and exciting animation * Free CD-ROM with short movies relating to each chapter plus the computer models so you can create as you follow the book's tutorials

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All artists are tired of persuading their nearest and dearest to look sad...look glad...look mad...madder...no, even madder...okay, hold it. For those artists (and their long-suffering friends), here is the best book ever. *Facial Expressions* includes more than 2,500 photographs of 50 faces—men and women of a variety of ages, shapes, sizes, and ethnicities—each demonstrating a wide range of emotions and shown from multiple angles. Who can use this book? Oh, only every artist on the planet, including art students, illustrators, fine artists, animators, storyboarders, and comic book artists. But wait, there's more! Additional photos focus on people wearing hats and couples kissing, while illustrations show skull anatomy and facial musculature. Still not enough? How about a one-of-a-kind series of photos of lips pronouncing the phonemes used in human speech? Animators will swoon—and artists will show a range of facial expressions from happy to happiest to ecstatic.

A detailed guide to the complex new animation tools in Unity, packed with clear instructions and illustrated with original content in the context of a next generation zombie

apocalypse adventure game About This Book Create and export models and animation sequences to Unity from 3ds max and Maya Prepare character models and animation for games using Mecanim's rigging tools Retarget, adjust, and mix and match motion capture and other animation data Write and edit scripts compatible with Mecanim Animation Controllers Who This Book Is For If you are a Unity developer looking to get to grips with the character animation specific tools, a 3D software user who is new to Unity, or a beginner game developer who is interested in character animation and interaction, this book is ideal for you. Some experience with either the Unity interface or basic 3D coordinates is recommended, but not required. What You Will Learn Learn how to prepare a rigged character model to receive animation within Unity Acquire efficient techniques to refine and optimize motion capture data Retarget animation sequences between different character rigs Discover how to rig a humanoid character and export for use in Unity Script character interaction for a First Person character model Create dynamic animation sequences from scratch using keyframe techniques, in a variety of 3D software packages Learn Project Management in Unity Understand how to set up a complex facial rig for speech Set up Animation Controllers with masked states and blend trees to create seamless and additive animation transitions Construct a ragdoll game object and instantiate it in a game Devise Mecanim animation integration for the player and AI driven animation for enemy characters In Detail Game animation for independent developers has taken a giant leap forward with Unity 5's Mecanim toolset, which streamlines the import/export, retargeting, and many other aspects of the character animation workflow. Unity Character Animation with Mecanim is a great primer for getting to know the nuts and bolts of Mecanim and other character animation related tools in Unity 5. It offers you step-by-step instructions for preparing and exporting rigged models and animation sequences from commonly used 3D packages, such as Maya, 3ds Max and Blender. This book explores the new set of animation tools introduced with Mecanim in Unity 5. Approaching its subject matter through a typical genre—a zombie action game, character animation techniques are explored using real examples of player input and interaction, enemy behavior, and other aspects of game dynamics. As the book progresses, the reader will understand how these elements fit together in a small game development workflow. We will begin with a demonstration of the process of getting a rigged character into Unity 5 and setting it up to use provided animation sequences. We will also consider a few industry standard 3D packages and how these can be used to rig a humanoid character for use in Unity 5. We will demonstrate the retargeting capabilities of Mecanim's Humanoid Animation type by adjusting motion sequences to fit disparate character types in our game. After this, we will look at Ragdoll physics and the implementation of this commonly used technique in a Mecanim workflow. The book culminates with a thorough dissection of the enemy character AI script incorporating the Mecanim elements detailed in the previous chapters. Unity Character Animation with Mecanim will provide you with a detailed exploration of the interaction between game development and character animation, and will broaden your understanding of the rich animation toolset within Unity 5. Style and approach A comprehensive guide, featuring step- by- step practical tutorials using sample assets, showing you how to build fully controllable characters and non-player characters/enemies.

Learn how to bridge the gap between the traditional animation principles and digital software. Tradigital Flash: 12 Principles of Animation in Adobe Flash brings the essentials of traditional animation and Adobe Flash together. The early masters of animation created a list of 12 principles which are important for anyone who wants to create interesting and believable animation. Digital animation continues to make incredible technological advancements that give animators the capability to produce visually stunning work. New technology, however, also has a tendency to create an environment where animators are so focused on adapting to the new workflow that they tend to dismiss these fundamental animation principles... which often leads to poor and lifeless character animation. Tradigital Flash helps you focus on these principles while using the program's wide array of features to create believable animation, consistently. Tradigital Flash joins three other Tradigital books covering Maya, Blender, and 3ds Max. This new volume in the series approaches the topic in a different way, giving readers both a practical look at the software, and providing a theoretical understanding of the genre. ? Learn a new principle in each chapter, the Flash tools most related to it and how to put it all together. A plethora of examples demonstrate the good methods which animators should use in Flash, how to avoid the bad ones and ways to create a workflow that works for you. An easy-to-follow approach with examples throughout the book that build on each other, showing how the principles act together. A companion website www.rubberonion.com/tradigital-animate features more examples, downloadable FLA resource files, video tutorials.

Among the most useful tools in the production of any TV show or film is the storyboard, which is the visual blueprint of a project before it is shot. The director's vision is illustrated in the manner of a comic strip and handed on to the crew for purposes of budgeting, design, and communication. Storyboards: Motion in Art 3/e is an in depth look at the production and business of storyboards. Using exercises, real-life examples of working in the entertainment industry, interviews with people in the industry, and sample storyboard drawing, this book will teach you how to : * Develop and Improve your boards * Work with directors * Develop your resume and your portfolio * Market your talent * Create and improve a storyboard using computers Packed full of practical industry information and examples, this book will help the reader improve their skills to either land their first assignment or advance their career.

Inspirational stories to get you off your ass."Paying your dues" is for other people. Why spend years toiling away at low-end jobs when it's possible to start right at the top?With passion and drive, you can go for what you want and achieve it. Mark Simon has done it... many times.At 12, he had his own line of skateboards. At 14, he was superintendent of a construction company. While studying advertising in college, he drove past two billboards he designed and sold to local companies. With no writing experience, he accidentally sold his first book to a publisher. He went from being an assistant to running a department in three hours.Mark sold his first training program to Keller Williams Realty, now the largest realty company in the world. It took him just 15 minutes to land his dream job with Steven Spielberg. It took him one call and one meeting to work on The Walking Dead. He landed Disney as his first animation client.But with big swings, also comes big misses. He fucked up a deal to work with the director of the SpongeBob SquarePants movie. He screwed up an opportunity with animation gods Hanna-Barbera (creators of The Flintstones, Scooby Doo and many others). There are lessons to be learned from failures.Dozens of stories and photos have been pulled from Mark's amazing life to prove to you that you can get what you want without "paying your dues".Mark was inspired to write this book to guide and motivate his college-aged sons. The lessons he gained from each success and each failure are invaluable. He hopes these same stories will inspire you to start at the top.

This book explains the creation of animation from concept to production. Instead of focusing on singular aspects of animation production, talented animators can learn to make better films by understanding the process as a whole. Veteran independent filmmaker Hannes Rall teaches you how to develop an animation project from the very start of conceptual exploration though to completed production. Subjects

like script, storyboarding, character and production design illuminate the pre-production process; later chapters explain the production process applied to different animation techniques like 2D animation, 3D computer animation and stop motion. This book is just the right mix of practical advice, lavish illustrations, and industry case studies to give you everything you need to start creating animation today. Key Features Learn the concepts of film animation production from an expert instructor Interviews with legends Andreas Deja, Hans Bacher and Volker Engel Robust coverage of the pre-production process, from script to storyboarding and visual development Includes a glossary and further reading recommendations

"This second edition of Historical Dictionary of Animation and Cartoons contains a chronology, an introduction, and an extensive bibliography. The dictionary section has over 300 cross-referenced entries on animators, directors, studios, techniques, films, and some of the best-known characters"--

Basics Animation: Scriptwriting addresses the full range of approaches to scripting and developing for animated films. It details the issues faced by the animation scriptwriter, and the techniques to overcome them. It also seeks to promote the unique qualities of animation as a form of expression, using many images to illustrate and emphasise points made in the text. This book looks at genres in animation as a starting point for scripting, employing a range of case studies from feature films to public relations work to independent productions, in order to reveal a range of approaches to writing.

This book describes the thematic and structural traits of a recent and popular development within the realm of anime: series adapted from visual novels. Visual novels are interactive fiction games in which players creatively control decisions and plot turning points. Endings alter according to the player's choices, providing a motivation to replay the game and opt for alternative decisions each time. Pictorial sumptuousness, plot depth and subtle characterization are vital aspects of the medium. Anime based on visual novels capitalizes on the parent games' attributes, yielding thought-provoking yarns and complex personalities.

Sadly the days of the traditional studio apprenticeship in animation are long gone but this book enables the reader to find the next best thing, watching and observing a Master Animator at work. Become Tony White's personal animation apprentice, and experience the golden era of the great Disney and Warner Brothers studios right in your own home or studio. Tony White's Animation Master Class is uniquely designed to cover the core principles of animated movement comprehensively. It offers a DVD with animated movies and filmed excerpts of the author at his drawing board to illustrate the concepts as the work is being created. Tony White's Animation Master Class offers secrets and unique approaches only a Master Animator could share. The book comes out of the author's six years of real-world professional experience teaching animation, and 30 years of professional experience. Whether you want to become a qualified animator of 2D, 3D, Flash or any other form of animation, Tony White's foundations bring you closer to that goal. The DVD is invaluable, in that readers are not only taught principles and concepts in the book, they are able to see them demonstrated in action in the movies on the DVD.

Annotation Blender is an open source 3D graphics application that can be used for modeling, rigging, animating, rendering and thousands of other things. While modeling characters isn't the biggest of your worries, animating them to make them feel as-good-as alive is what differentiates a professional from an amateur. This book offers clear, illustrative, and easy-to-follow recipes to create character rigs and animations for common situations. Bring your characters to life by understanding the principles, techniques and approaches involved in creating rigs and animations, you'll be able to adapt them to your own characters and films. The book offers clear step-by-step tutorials, with detailed explanations, screenshots and support files to help you understand the principles behind each topic. Each recipe covers a logical step of the complete creation of a character rig and animation, so you're not overwhelmed with too much information at once. You'll see numerous examples and screenshots that guide to achieve various rigging and animation tasks, logically separated so you can understand each in detail. The rigging topics are divided by each region of the body (torso, limbs, face, eyes), and further separated by the specific topic (neck, fingers, mouth, eyelids, etc) for clarity. All rigging tasks are accomplished with the built-in tools in Blender, without the complexity of coding custom Python behaviors or user interface elements. The animation topics deal with common situations found in real world productions, showing good practices to understand and overcome the challenges.

From scriptwriting through to production, this introduction to animation for students surveys key technical processes and examines a variety of stylistic approaches. The book includes visual examples from key animators and illustrated features on how to create exciting animation for a variety of audiences. It begins with history and context, and quickly moves on to more practical aspects of the craft. Box features outline practical information and visual examples of different animators' work and working processes teach how to create exciting animation for any audience. A final chapter on job roles shows how students can get on in animation. This book is a vital resource for anyone who intends to make animation a part of their career.

Complete coverage of vital animation techniques, whatever area you work in!

Producing Independent 2D Character Animation Making & Selling A Short Film Taylor & Francis

Learn from the men who changed animation forever Walt Disney's team of core animators, who he affectionately called his "Nine Old Men," were known for creating Disney's most famous works, as well as refining the 12 basic principles of animation. Follow master animator and Disney legend Andreas Deja as he takes you through the minds and works of these notable animators. An apprentice to the Nine Old Men himself, Deja gives special attention to each animator and provides a thoughtful analysis on their techniques that include figure drawing, acting, story structure, and execution. The in-depth analysis of each animator's work will allow you to refine your approach to character animation. Rare sequential drawings from the Disney archives also give you unprecedented access and insight into the most creative minds that changed the course of animation. Instruction and analysis on the works of each of the Nine Old Men broaden your creative choices and approaches to character animation Original drawings, some never-before-seen by the public are explored in depth, giving you behind-the-scenes access into Disney animation history Gain first-hand insight into the foundation of timeless characters and scenes from some of Disney's most memorable feature and short films

In this volume of 15 articles, contributors from a wide range of disciplines present their analyses of Disney movies and Disney music, which are mainstays of popular culture. The power of the Disney brand has heightened the need for academics to question whether Disney's films and music function as a tool of the Western elite that shapes the views of those less empowered. Given its global reach, how the Walt Disney Company handles the role of race, gender, and sexuality in social structural inequality merits serious reflection according to a number of the articles in the volume. On the other hand, other authors argue that Disney productions can help individuals cope with difficult situations or embrace progressive thinking. The different approaches to the assessment of Disney films as cultural artifacts also vary according to the theoretical perspectives guiding the interpretation of both overt and latent symbolic meaning in the movies. The authors of the 15 articles encourage readers to engage with the material, showcasing a variety of views about the good, the bad, and the best way forward.

The Academy Award-winning artist behind Who Framed Roger Rabbit? draws on his master instruction classes to demonstrate essential techniques required of animators of any skill level or method, in an updated edition that provides expanded coverage of such topics as animal gaits and live action. Simultaneous.

So you want to create animation! Where do you start? With an idea. This creative, exercise-packed guide contains examples and idea-generating activities. What tools do you need? Your computer, simple software programs, and your imagination. This book will tell you how to utilize these tools. Must you spend your life savings on your set-up? No. The author's charts and project timelines will guide you and

make the overwhelming simple, and keep your shopping lists manageable. With Animation in the Home Digital Studio, amateurs and animation students alike can learn how to create a variety of computer animations: from puppet to clay to pixilated, drawn and cartoon. This book contains a CD-ROM loaded with animation clips and exercises. The book's 8-page color insert illustrates stills from the work of independent animators around the world. The book's guide to resources contains a comprehensive list of contests, shows, societies, organizations, e-zines, and more. Steven Subotnick takes a personal approach to animation. His book is for artists, amateurs, professionals, students, and anyone who wants to use animation as a means of expression. It explains how to create a variety of animations: from puppet to cutout, and from drawn to object animation. Subotnick covers the use of popular software products, including Macromedia Flash, Adobe Photoshop®, Adobe Premiere®, Digidesign ProTools Free, and others.

The A to Z of Animation and Cartoons is an introduction to all aspects of animation history and its development as a technology and industry beyond the familiar cartoons from the Disney and Warner Bros. Studios. This is done through a chronology, an introductory essay, photos, a bibliography, and over 200 cross-referenced dictionary entries on animators, directors, studios, techniques, films, and some of the best-known characters.

Improve your animation by fully understanding the key 2d skills before using a computer!

What's new in animation? Find out! * Works from artists, animators, film-makers, scholars, archivists * Ideal for serious students of film making and animation In this detailed look at animation today, a series of intriguing case studies are explored from production to final outcome. Each one is considered in terms of meaning, purpose, and effect, then put into context as part of today's animation culture. Hundreds of illustrations make it easy to follow experimental work from script to screen, exploring the intersections between animation, film, graphic design, and art. With insights from leading U.K. authors on animation, as well as Oscar-winning animators, artists, film makers, scholars, and archivists, Re-Imagining Animation offers the definitive look at animation today.

This is not a book about Maya software with a few animation pointers thrown in here and there. This is a guide to Maya software written by professional animators. This book provides you with complete, set-by-step walkthroughs of essential animation techniques that increase your speed and efficiency while using Maya 2017 for character animation. From curves to constraints, this book covers all of the methods available in the latest version of Maya. Featuring gold-mine coverage this book teaches you new techniques for working with characters in animation tests and short films. Accompanied by a companion site, this is the one and only guide to get you up to speed.

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