

## Maxon Cinema 4d Products Maxon

Director 8.5 Shockwave Studio Interface Design  
 Where Inspiration, Techniques and Digital Art meet  
 Real-World Skills for the Aspiring Motion Graphics Artist  
 Cinema 4d R13 Cookbook  
 CAD and Rapid Prototyping for Product Design  
 Exploring Mograph with Cinema 4D R19 [in Full Color]  
 All-in-One: Learn Motion Capture, Characteristic, Point-Based, and Maya Winning Techniques  
 HTML5 Advertising  
 Fluid Engine Development  
 Rig it Right! Maya Animation Rigging Concepts, 2nd edition  
 MAXON CINEMA 4D R18 Studio: A Tutorial Approach, 5th Edition  
 Cinema 4D Apprentice  
 A Workshop for 2D/3D Graphics Pros  
 Maxon Cinema 4D R20  
 An Introduction to 3D Printing  
 The Artist's Project Sourcebook  
 Digital Visual Effects and Compositing  
 Virtual Vixens  
 Virtual Reality and Environments  
 Exploring 3D Modeling with Cinema 4D R19  
 MAXON Cinema 4D R20: A Detailed Guide to Texturing, Lighting, and Rendering  
 Maxon Cinema 4D R20: A Detailed Guide to Texturing, Lighting, and Rendering  
 Shockwave 3D  
 CINEMA 4D  
 Adobe After Effects CC  
 Exploring Modeling, Texturing, Lighting, Rendering, and Animation With MAXON Cinema 4D R20  
 CINEMA 4D 10 Workshop  
 MAXON CINEMA 4D S24: A Tutorial Approach, 8th Edition  
 Cinema 4D Apprentice  
 BIM Handbook  
 MAXON Cinema 4D R20: A Detailed Guide to XPresso  
 A Beginner's Guide [in Full Color]  
 Digital Mayhem 3D Machine Techniques  
 Digital Lighting and Rendering  
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 Cinema 4D 11 Workshop  
 Classroom in a Book : the Official Training Workbook from Adobe Systems  
 Real-world 3D Animation Production  
 MAXON CINEMA 4D R19 Studio: A Tutorial Approach, 6th Edition

*Maxon Cinema 4d Products Maxon*

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### KOLE JOHNS

**Director 8.5 Shockwave Studio Interface Design** John Wiley & Sons  
 MAXON CINEMA 4D R20 Studio: A Tutorial Approach is a tutorial-based book and aims at harnessing the power of MAXON CINEMA 4D R20 Studio software for modelers, animators, and designers. The book caters to the needs of both the novice and the advance users of MAXON CINEMA 4D R20 Studio. Keeping in view the varied requirements of users, the book first introduces the basic features of CINEMA 4D R20 Studio And then progresses to cover the advanced techniques. In this book, two projects based on the tools and concepts covered in the book have been added to enhance the knowledge of users. This book will help you unleash your creativity and transform your imagination into reality with ease. Salient Features: Consists of 13 Chapters and 2 Projects that are organized in a pedagogical sequence covering various aspects of modeling, sculpting texturing, lighting, rendering, and animation. The author has followed the tutorial approach to explain various concepts of modeling, texturing, lighting, and animation. The first page of every chapter summarizes the topics that are covered in it. Additional information is provided throughout the book in the form of notes and tips. Self-Evaluation Test and Review Questions are given at the end of each chapter so that the users can assess their knowledge. Table of Contents Chapter 1: Exploring CINEMA 4D R20 Studio Interface Chapter 2: Working with Splines Chapter 3: Introduction to Polygon Modeling Chapter 4: Sculpting Chapter 5: Texturing Chapter 6: Lighting Chapter 7: Rigging Chapter 8: Animation Chapter 9: Introduction to UV Mapping Chapter 10:

Compositing 3D objects Chapter 11: Rendering Chapter 12: MoGraph Chapter 13: Working with XPresso Project 1: Creating an Indoor Scene Project 2: Texturing an Indoor Scene Index

**Where Inspiration, Techniques and Digital Art meet** Adobe Press

3D Animation for the Raw Beginner Using Autodesk Maya is a hands-on academic textbook as well as a do-it-yourself training manual for the individual animator. This second edition has been completely rewritten to take into account updates to Autodesk Maya, including Autodesk's renderer, Arnold. It contains entirely new examples and tutorial lessons. All 612 images are in full color. The book directs the reader to the parts of Maya that must be mastered in order to create complete 3D projects, and thus it simplifies the process of taking on Maya's vast and intricate interface, while giving the reader a firm foundation on which to build future knowledge of Maya. It also presents brief examples of other popular 3D applications and rendering engines. This principles-based, yet pragmatic book: Introduces the basic steps of the 3D modeling, materials, animation, lighting, and rendering processes. Presents clear and concise tutorials that link key concepts to practical techniques. Includes access to a webpage for the book: <https://buzzking.com/AnimationTextbook/AnimationTextbook.html>. On this webpage are videos that cover many of the lessons in the book, as well as video tutorials that present bonus material not included in the book. Frees instructors from the painstaking task of developing step-by-step examples to present Maya's complex interface and basic capabilities. Boasts an easy-to-follow, tutorial-based learning style ideal for individual study by aspiring animators and do-it yourselfers. Roger "Buzz" King is a Professor Emeritus at the University of Colorado at Boulder, where he teaches 3D Animation for the Computer Science Department and the Alliance for Technology, Learning, and Society (ATLAS), an institute dedicated to the application of

technology to the arts. Buzz is an independent 3D animator who serves on the board of directors of a 3D animation startup. Buzz has a B.A. in Mathematics from Occidental College, an M.S. and Ph.D. in Computer Science from the University of Southern California, and an M.Div. from the Iliff School of Theology. Key Features Introduces critical aspects of the 3D animation process Presents clear and concise tutorials that link key concepts to practical techniques Includes access to a dedicated Web site, <http://3dbybuzz.com>, featuring useful videos, lessons, and updates Frees instructors from developing step-by-step examples to present Maya's complex interface and basic Boasts an easy-to-follow, hands-on learning style ideal for individual study by aspiring animators and do-it-yourselfers

#### **Real-World Skills for the Aspiring Motion Graphics Artist** CRC Press

Note: This book is also available in the low-cost grayscale edition. An ePub file that has the color images of the screenshots/diagrams used in this book is available with the resources of this grayscale book. The Exploring 3D Modeling with CINEMA 4D R19 - A Beginner's Guide textbook walks you through every step of creating 3D models with CINEMA 4D R19. This guide is perfect for both novices and those moving from other software to CINEMA 4D. This book will help you to get started with modeling in CINEMA 4D, you will learn important concepts and techniques about 3D modeling which you can utilize to create hard-surfaced objects for your projects. This book shares tips, tricks, notes, and cautions throughout, that will help you become a better 3D modeler and you will be able to speed up your workflow. The first page of the every chapter summarizes the topics that will be covered in the chapter. Every chapter of this textbook contains tutorials which instruct users how things can be done in CINEMA 4D step-by-step. Practicing is one of the best ways to improve skills. Each chapter of this textbook ends with some practice activities which you are highly encouraged to complete and gain confidence for the real-world projects. By completing these activities, you will be able to master the powerful capabilities of CINEMA 4D. Although, this book is designed for beginners, it is aimed to be a solid teaching resource for 3D modeling. It avoids any jargon and explains concepts and techniques in an easy-to-understand manner. By the time you're done, you'll be ready to create hard-surfaced models for your 3D projects. The rich companion website PADEXI Academy ([www.padexi.academy](http://www.padexi.academy)) contains additional CINEMA 4D resources that will help you quickly master CINEMA 4D. What are the key features of the book? - Learn CINEMA 4D's updated user interface, navigation, tools, functions, and commands. - Polygon, subdivision, and spline modeling techniques covered. - Detailed coverage of tools and features. - Contains 24 standalone tutorials. - Contains 14 practice activities to test the knowledge gained. - Additional guidance is provided in form of tips, notes, and cautions. - Important terms are in bold face so that you never miss them. - The content under "What just happened?" heading explains the working of the instructions. - The content under "What next?" heading tells you about the procedure you will follow after completing a step(s). - Includes an ePub file that contains the color images of the screenshots/illustrations used in the textbook. These color images will help you in the learning process. This ePub file is included with the resources. - Tech support from the author. - Access to each tutorial's initial and final states along with the resources used in the tutorials. - Quiz to assess the knowledge. - Bonus tutorials. More info: [wp.me/p9r5f7-i0](http://wp.me/p9r5f7-i0)

#### *Cinema 4d R13 Cookbook* Pearson Education

New to CINEMA 4D and looking for an accessible way to get up to speed quickly? Do you already know the basics of the software but need to know the new features or take your skills and understanding a little deeper? If so, look no further than CINEMA 4D Apprentice, your one-stop shop for learning this powerful application. With guidance that takes you beyond just the button-pushing, author Kent McQuilkin guides you through 10 core lessons, starting with the basics before moving onto more complex techniques and concepts and then tying it all together with a final project. CINEMA 4D Apprentice walks you through the software with a project-based approach, allowing you to put lessons learned into immediate practice. Best practices and workflows for motion graphics artists that can be applied to any software application are included. A companion website ([www.focalpress.com/cw/mcquilkin](http://www.focalpress.com/cw/mcquilkin)) features project files and videos of the techniques in action. Topics covered include: creating basic scenes, modeling, texture mapping mograph in-depth integration with After Effects via CINEWARE lighting, animation, rendering and more motion tracking with the new tools included in R16

#### **CAD and Rapid Prototyping for Product Design** Packt Pub Limited

Description The MAXON Cinema 4D R20: A Detailed Guide to Texturing, Lighting, and Rendering book walks you through every step of texturing, lighting, and rendering projects in Cinema 4D. This comprehensive guide caters to the novices and intermediate users of Cinema 4D. This book will help you to get started with texturing, lighting, and rendering in Cinema 4D, you will learn important concepts and techniques about rendering which you can utilize to create high quality renders. Using a structured and pragmatic approach, this guide begins with basics of rendering, then builds on this knowledge using practical examples to enhance your texturing and lighting skills. Each unit builds on the knowledge gained in the previous unit, showing you all the essentials of rendering with Cinema 4D, from sampling to shaders, maps, camera effects, post effects, and lights. As you go from hands-on exercise to hands-on exercise, you'll develop a strong arsenal of skills that combined will form a complete end to end process to creating high quality renders using the Standard, Physical, and OpenGL renderers. You will also learn about the new node-based material system in Cinema 4D. Key Features Explains Standard renderer and render settings. Explains global illumination, ambient occlusion, color mapping, and other effects. Covers the process of rendering flicker free animation. Explains the Physical, Hardware OpenGL, and Software OpenGL renderers. Explains the depth-of-field and motion blur effects. Explains dynamic depth-of-field effect using the Depth pass. Covers process of illuminating a scene using only polygon lights. Covers Cinema 4D lights. Covers the product visualization and interior rendering techniques. Covers UV mapping. Covers the Material Manager, the Material Editor, material presets, channels, and the reflectance model. Covers the Node Editor and nodes in detail. Explains the process of creating various materials. Features 44 hands-on exercises - complete with before and after files. Additional guidance is provided in the form of tips, notes, and cautions. Important terms are in bold face so that you never miss them. The content under "What just happened?" heading explains the working of the instructions. The content under "What next?" heading tells you about the procedure you will follow after completing a step(s). Includes an ePub file that contains the color images of the screenshots/illustrations used in the textbook. These color images will help you in the learning process. This ePub file is included with the resources. Tech support from the author. Access to each exercise's initial and final states along with the resources used in hands-on exercises. Quiz to assess the knowledge. Brief Table of Contents This book is divided into following units: Unit CR1: Standard Render Unit CR2: Other Renderers Unit CR3: Lighting Unit CT1: Introduction to UV Mapping Unit CT2: Material Presets Unit CT3:

Creating Materials Unit CT4: Node-Based Materials Unit CRA: Quiz Answers [Rendering] Unit CRT: Quiz Answers [Texturing]

#### *Exploring Mograph with Cinema 4D R19 [in Full Color]* CADCIM Technologies

New to CINEMA 4D and looking for an accessible way to get up to speed quickly? Do you already know the basics of the software but need to know the new features or take your skills and understanding a little deeper? If so, look no further than CINEMA 4D Apprentice, your one-stop shop for learning this powerful application. With guidance that takes you beyond just the button-pushing, author Kent McQuilkin guides you through 10 core lessons, starting with the basics before moving onto more complex techniques and concepts and then tying it all together with a final project. CINEMA 4D Apprentice walks you through the software with a project-based approach, allowing you to put lessons learned into immediate practice. Best practices and workflows for motion graphics artists that can be applied to any software application are included. A companion website ([www.focalpress.com/cw/mcquilkin](http://www.focalpress.com/cw/mcquilkin)) features project files and videos of the techniques in action. Topics covered include: creating basic scenes, modeling, texture mapping mograph in-depth integration with After Effects via CINEWARE lighting, animation, rendering and more motion tracking with the new tools included in R16

#### All-in-One: Learn Motion Capture, Characteristic, Point-Based, and Maya Winning Techniques CRC Press

From Icy Tundras to Desert savannahs, master the art of landscape and environment design for 2D and 3D digital content. Make it rain, shower your digital scene with a snow storm or develop a believable urban scene with a critical eye for modeling, lighting and composition. Move beyond the limitations of gallery style coffee table books with Digital Mayhem: 3D Landscapes-offering leading professional techniques, groundbreaking inspiration, and artistic mastery from some of the greatest digital artists. More than just a gallery book - each artist has written a breakdown overview, with supporting imagery of how they made their piece of work. Compiled by Duncan Evans, founder and inspiration behind 3DArtist Magazine, start your mentorship into the world of digital art today with some of the greatest digital artists in the world! Develop your landscape and background skills beyond the variety of free online tutorials and apply the most up to date techniques, like colour and contrast enhancements, sharpening, composition, lighting and more! Expand your digital canvas to include a variety of software techniques, tools and workflows featuring Photoshop, Painter, Maya and 3ds Max examples. A source of inspiration for digital artists everywhere: more than 50 artists and 700 stunning color images are showcased with an in-depth companion website that includes professional source files and further technique based skills development.

#### HTML5 Advertising Padexi Academy

The MAXON Cinema 4D R20: Modeling Essentials textbook walks you through every step of creating 3D models with Cinema 4D R20. This guide is perfect for both novices and those moving from other software to Cinema 4D. This book will help you to get started with modeling in Cinema 4D, you will learn important concepts and techniques about 3D modeling which you can utilize to create hard-surfaced objects for your projects. This book also covers Cinema 4D's OpenVDB-based Volume Builder and Volume Mesher functions that allow you to create complex models by adding and subtracting basic shapes in boolean-type operations. This book shares tips, tricks, notes, and cautions throughout, that will help you become a better Cinema 4D artist and you will be able to speed up your workflow. This book is aimed to be a solid teaching resource for learning modeling with Cinema 4D R20. It avoids any jargon and explains concepts and techniques in an easy-to-understand manner. The first page of the every unit summarizes the topics that will be covered in the unit. Hands-on exercises in this book instruct users how things can be done in Cinema 4D R20 step-by-step. Practicing is one of the best ways to improve skills. This book contains practice activities which you are highly encouraged to complete and gain confidence for real-world projects. By completing these activities, you will be able to master the powerful capabilities Cinema 4D. By the time you're done, you'll be ready to create hard-surface models in Cinema 4D. What are the key features of the book? Learn Cinema 4D's updated user interface, navigation, tools, functions, and commands. Covers all the basics as well as advanced topics using easy to follow, hands-on exercises. Covers polygon, subdivision, and spline modeling techniques. Covers volumetric modeling techniques. Detailed coverage of tools and features. Features more than 29 hands-on exercises - complete with before and after files. Contains 25 practice activities to test the knowledge gained. Additional guidance is provided in the form of tips, notes, and cautions. Important terms are in bold face so that you never miss them. The content under "What just happened?" heading explains the working of the instructions. The content under "What next?" heading tells you about the procedure you will follow after completing a step(s). Includes an ePub file that contains the color images of the screenshots/illustrations used in the textbook. These color images will help you in the learning process. This ePub file is included with the resources. Tech support from the author. Access to each exercise's initial and final states along with the resources used in hands-on exercises. Quiz to assess the knowledge.

#### *Fluid Engine Development* CRC Press

Model, animate and render with a practical command of all the essential functions and tools in CINEMA 4D 10. Detailed tutorials, suitable for novices and experienced users alike, demonstrate how to navigate the redesigned UI and orient you to the workflow. Next, the author guides you through the creation of a more complex project in which you model, create, apply textures, light, and render a final showcase image of a sports car. Finally, you will model, texture and prepare a comic character for animation using the new powerslider, timeline and the revised MOCCA module. Build on your command of the essentials with an introduction to the new layer system as well as these advanced skills: \* Light, texture, and shade with CINEMA's material system, BodyPaint 3D, and the integrated shaders \* Build complex mechanical and organic models using NURBS and polygon tools \* Compose 3D content into photos \* Render with advanced techniques such as Multi Pass rendering, HDRI lighting and radiosity \* Simplify animation setups using XPresso constrains \* Work with specialized tools such as HAIR, Clothilde or SKY for special effects The companion CD includes all of the required tutorial media, a bonus chapter on character modeling, Macintosh and PC demo versions of CINEMA 4D 10, and a limited edition of the PhotoMatch plug-in that permits you to easily insert 3D objects into photos.

#### Rig it Right! Maya Animation Rigging Concepts, 2nd edition CRC Press

The fastest, easiest, most comprehensive way to learn Adobe After Effects CC Classroom in a Book, the best-selling series of hands-on software training workbooks, offers what no other book or training program does-an official training series from Adobe Systems Incorporated, developed with the support of Adobe product experts. Adobe After Effects CC Classroom in a Book contains 14 lessons that cover the basics, providing countless tips and techniques to help you become more productive with the program. You can follow the book from start to finish or choose only those lessons that



interest you. Purchasing this book gives you access to the downloadable lesson files you need to work through the projects in the book, and to electronic book updates covering new features that Adobe releases for Creative Cloud customers. For access, go to [www.peachpit.com/redeem](http://www.peachpit.com/redeem) and redeem the unique code provided inside this book. "The Classroom in a Book series is by far the best training material on the market. Everything you need to master the software is included: clear explanations of each lesson, step-by-step instructions, and the project files for the students." Barbara Binder, Adobe Certified Instructor Rocky Mountain Training

**MAXON CINEMA 4D R18 Studio: A Tutorial Approach, 5th Edition** CRC Press

Discover BIM: A better way to build better buildings Building Information Modeling (BIM) offers a novel approach to design, construction, and facility management in which a digital representation of the building product and process is used to facilitate the exchange and interoperability of information in digital format. BIM is beginning to change the way buildings look, the way they function, and the ways in which they are designed and built. The BIM Handbook, Third Edition provides an in-depth understanding of BIM technologies, the business and organizational issues associated with its implementation, and the profound advantages that effective use of BIM can provide to all members of a project team. Updates to this edition include: Information on the ways in which professionals should use BIM to gain maximum value New topics such as collaborative working, national and major construction clients, BIM standards and guides A discussion on how various professional roles have expanded through the widespread use and the new avenues of BIM practices and services A wealth of new case studies that clearly illustrate exactly how BIM is applied in a wide variety of conditions Painting a colorful and thorough picture of the state of the art in building information modeling, the BIM Handbook, Third Edition guides readers to successful implementations, helping them to avoid needless frustration and costs and take full advantage of this paradigm-shifting approach to construct better buildings that consume fewer materials and require less time, labor, and capital resources.

**Cinema 4D Apprentice** Packt Publishing Ltd

Inspiration and technique are rolled into one with this stunning display of 3D representations of the female form.

**A Workshop for 2D/3D Graphics Pros** Morgan Kaufmann

Everything you need to know to become a professional VFX whizz in one thorough and comprehensive guide.

**Maxon Cinema 4D R20** Routledge

The MAXON Cinema 4D R20: A Detailed Guide to Texturing, Lighting, and Rendering book walks you through every step of texturing, lighting, and rendering projects in Cinema 4D. This comprehensive guide caters to the novices and intermediate users of Cinema 4D. This book will help you to get started with texturing, lighting, and rendering in Cinema 4D, you will learn important concepts and techniques about rendering which you can utilize to create high quality renders. Using a structured and pragmatic approach, this guide begins with basics of rendering, then builds on this knowledge using practical examples to enhance your texturing and lighting skills. Each unit builds on the knowledge gained in the previous unit, showing you all the essentials of rendering with Cinema 4D, from sampling to shaders, maps, camera effects, post effects, and lights. As you go from hands-on exercise to hands-on exercise, you'll develop a strong arsenal of skills that combined will form a complete end to end process to creating high quality renders using the Standard, Physical, and OpenGL renderers. You will also learn about the new node-based material system in Cinema 4D. This book shares tips, tricks, notes, and cautions throughout, that will help you become a better Cinema 4D rendering artist and you will be able to speed up your workflow. This book is aimed to be a solid teaching resource for learning rendering in Cinema 4D. It avoids any jargon and explains concepts and techniques in an easy-to-understand manner. The first page of the every unit summarizes the topics that will be covered in the unit. Hands-on exercises in this book instruct users how things can be done in Cinema 4D step-by-step. By the time you're done, you'll be ready to illuminate and render any scene in Cinema 4D. What are the key features of the book? Explains Standard renderer and render settings. Explains global illumination, ambient occlusion, color mapping, and other effects. Covers the process of rendering flicker free animation. Explains the Physical, Hardware OpenGL, and Software OpenGL renderers. Explains the depth-of-field and motion blur effects. Explains dynamic depth-of-field effect using the Depth pass. Covers process of illuminating a scene using only polygon lights. Covers Cinema 4D lights. Covers the product visualization and interior rendering techniques. Covers UV mapping. Covers the Material Manager, the Material Editor, material presets, channels, and the reflectance model. Covers the Node Editor and nodes in detail. Explains the process of creating various materials. Features 44 hands-on exercises - complete with before and after files. Additional guidance is provided in the form of tips, notes, and cautions. Important terms are in bold face so that you never miss them. The content under "What just happened?" heading explains the working of the instructions. The content under "What next?" heading tells you about the procedure you will follow after completing a step(s). Includes an ePub file that contains the color images of the screenshots/illustrations used in the textbook. These color images will help you in the learning process. This ePub file is included with the resources. Tech support from the author. Access to each exercise's initial and final states along with the resources used in hands-on exercises. Quiz to assess the knowledge.

**An Introduction to 3D Printing** Createspace Independent Publishing Platform

MAXON CINEMA 4D S24: A Tutorial Approach is a tutorial-based book and aims at harnessing the power of MAXON CINEMA 4D S24 for modelers, animators, and designers. The book caters to the needs of both the novice and the advance users of MAXON CINEMA 4D S24. Keeping in view the varied requirements of users, the book first introduces the basic features of CINEMA 4D S24 and then progresses to cover the advanced techniques. In this book, three projects based on the tools and concepts covered in the book have been added to enhance the knowledge of users. The third project will enable the users to learn about some major enhancements in Cinema 4D S24 such as the Asset Browser and the new placement tools in depth. Salient Features Consists of 13 Chapters and 3 Projects that are organized in a pedagogical sequence covering various aspects of modeling, sculpting texturing, lighting, rendering, and animation. The author has followed the tutorial approach to explain various concepts of modeling, texturing, lighting, and animation. The first page of every chapter summarizes the topics that are covered in it. Step-by-step instructions that guide the users through the learning process. Additional information is provided throughout the book in the form of notes and tips. Self-Evaluation Test, Review Questions, and Exercises are given at the end of each chapter so that the users can assess their knowledge. Table of Contents Chapter 1:

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New Riders Pub

Edit and apply effects for stellar visual and special effects This important resource is like having a personal instructor guiding you through each lesson, while you work at your own pace. Each self-paced lesson lets you discover essential skills and explore the new features and capabilities of Adobe After Effects CC (Creative Cloud). Every lesson is presented in full color with step-by-step instructions. Video tutorials and lesson files on a companion DVD were developed by the same team of professional instructors and After Effects experts who have created many of the official training titles for Adobe Systems. Combines a full-color, step-by-step instructional book along with lesson files and video training from expert instructors Written for After Effects CC, a leading motion graphics and visual effects program that allows users to create and deliver compelling motion graphics and visual effects Demonstrates how to quickly get up to speed using After Effects to create and animate text, images, and video for the web, TV, and digital displays After Effects CC Digital Classroom takes you from the basics through intermediate-level topics, teaching you this complex software in a clear, approachable manner. DVD and other supplementary materials are not included as part of the e-book file, but are available for download after purchase.

**The Artist's Project Sourcebook** Peachpit Press

Virtual Reality is clearly interdisciplinary research. It has, not only Information Technology importance but social, educational, economical importance too. It combines multiple disciplines for the development of virtual reality systems in which the user has the immersive feeling of being in the real world. Virtual reality has several applications in almost all fields of real life. The most typical fields for the application of virtual reality are health-care, engineering and game industry. This book may be a solid basis for the novice and advanced engineers who would like to develop user friendly Virtual Environments for education, rehabilitation and other applications of Virtual Reality. Our book provides a resource for wide variety of people including academicians, designers, developers, educators, engineers, practitioners, researchers, and graduate students.

**Digital Visual Effects and Compositing** Pearson Education

Model, texture and animate with Cinema 4D 11 using the techniques and tips provided in Cinema 4D 11 Workshop. Starting with all of the basic concepts, functions, and tools - follow along to the workshop tutorials that deliver a hands-on knowledge of the new R11 toolset as well as the returning advanced features. The companion website provides all of the required tutorial media from the projects in the book so that you create your own working models and animations.

**Virtual Vixens** CAD/CIM Technologies

Description The MAXON Cinema 4D R20: A Detailed Guide to Modeling, Texturing, Lighting, Rendering, and Animation book aims to help you become the best Cinema 4D artist you can be. This book will help you get started with modeling, texturing, lighting, rendering, and animation in Cinema 4D and you will learn some important concepts as well as some of the popular techniques which you can utilize to create any scene in Cinema 4D. Using a structured and pragmatic approach, this guide begins with basics of modeling, then builds on this knowledge using practical examples to enhance your texturing, lighting, rendering, and animation skills. Each unit builds on the knowledge gained in the previous unit, showing you all the essentials of modeling, texturing, lighting, rendering, and animation with Cinema 4D. As you go from hands-on exercise to hands-on exercise, you'll develop a strong arsenal of skills that combined will form a complete end to end process to creating high quality projects using Cinema 4D. Key Features Covers Cinema 4D's updated user interface, navigation, tools, functions, and commands. Covers all the basics as well as advanced topics using easy to follow, hands-on exercises. Detailed coverage of tools and features. Covers polygon, subdivision, spline, and volumetric modeling techniques. Explains the Standard, Physical, Hardware OpenGL, and Software OpenGL renderers. Explains global illumination, ambient occlusion, color mapping, and other post effects. Covers the process of rendering flicker free animation. Explains the depth-of-field and motion blur effects. Covers Cinema 4D lights. Covers the product visualization and interior rendering techniques. Covers UV mapping. Explains the process of creating various materials. Covers the Node Editor and nodes in detail. Features 85 hands-on exercises - complete with before and after files. Features 26 practice activities to test the knowledge gained. Additional guidance is provided in the form of tips, notes, and cautions. Important terms are in bold face so that you never miss them. The content under "What just happened?" heading explains the working of the instructions. The content under "What next?" heading tells you about the procedure you will follow after completing a step(s). Includes an ePub file that contains the color images of the screenshots/illustrations used in the textbook. These color images will help you in the learning process. This ePub file is included with the resources. Tech support from the author. Access to each exercise's initial and final states along with the resources used in hands-on exercises. Quiz to assess the knowledge. Brief Table of Contents This book is divided into following units: Unit CM1: Introduction to Cinema 4D R20 Unit CM2: Tools of the Trade Unit CM3: Spline Modeling Unit CM4: Polygon Modeling Unit CMP: Practice Activities [Modeling] Unit CV1: Volumes - I Unit CV2: Volumes - II Unit CVP: Practice Activities [Volumes] Unit CR1: Standard Renderer Unit CR2: Other Renderers Unit CR3: Lighting Unit CT1: Intro

**Virtual Reality and Environments** BoD - Books on Demand

A tutorial packed with practical examples and screenshots to help you become an expert in architectural visualization using Unity. This book is written for students and professional architects who know how to model buildings in 3D and have a need to turn their design into an interactive model, even if you have never used Unity before. Experience with visualization and programming will be helpful, but is not required to follow along. You will learn all the basics throughout with the help of step-by-step examples. The majority of the examples work fine in any recent version of the Unity software, on Windows or Mac, but occasionally features of the Pro version are required.