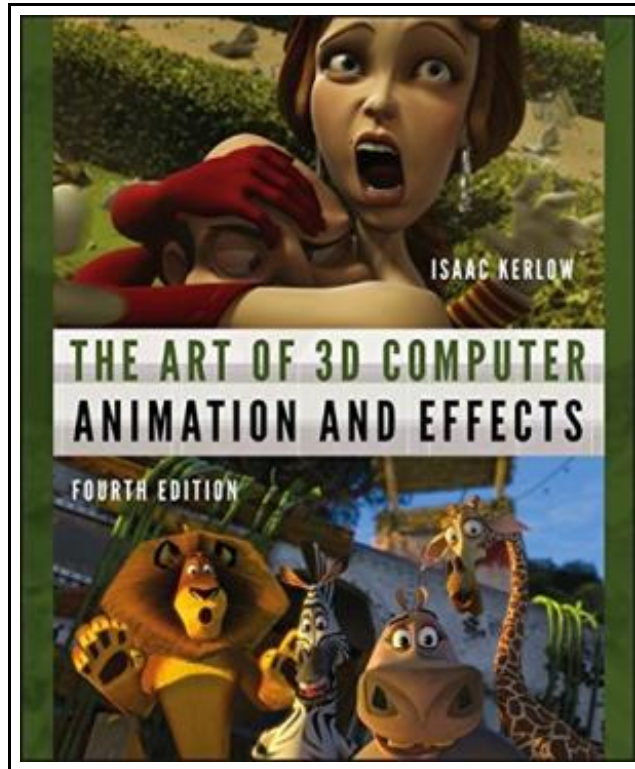


The Art of 3D Computer Animation and Effects



Filesize: 4.17 MB

Reviews

An exceptional ebook along with the typeface employed was intriguing to see. It really is simplistic but surprises within the fifty percent of the ebook. It is extremely difficult to leave it before concluding, once you begin to read the book.

(Brian Miller)

THE ART OF 3D COMPUTER ANIMATION AND EFFECTS



Wiley, 2009. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: SECTION I: INTRODUCTION.Chapter 1: Animation, Visual Effects, and Technology in Context.Summary.A Digital Creative Environment.The Development of the Technology.Visual Milestones: 1969-1989.Visual Milestones: 1990-Today.Timeline Charts.Key Terms.Chapter 2: Creative Development and the Digital Process.Summary.Storytelling.Character Design.Visual and Look Development.Production Strategies.The Digital Computer Animation Studio.Creative and Production Teams.The Production Process of Computer Animation.Getting Started.Key Terms.SECTION II: MODELING.Chapter 3: Modeling Concepts.Summary.Space, Objects, and Structures.Building with Numbers.Vertices, Edges, and Facets.Moving Things Around.File Formats for Modeling.Getting Ready.Key Terms.Chapter 4: Modeling Techniques.Summary.Introduction.Curved Lines.Geometric Primitives.Sweeping.Free-Form Objects.Basic Modeling Utilities.Real-Time Polygonal Models.Key Terms.Chapter 5: Advanced Modeling and Rigging Techniques.Summary.Free-form Curved Surfaces.Subdivision Surfaces.Logical Operators and Trimmed Surfaces.Advanced Modeling Utilities.Procedural Descriptions and Physical Simulations.Photogrammetry and Image-Based Modeling.Amination Rigging and Hierarchical Structures.Getting Ready.Key Terms.SECTION III: RENDERING.Chapter 6: Rendering Concepts.Summary.Lights, Camera, and Materials.Color.Steps in the Rendering Process.Hidden Surface Removal.Z-Buffer.Ray Tracing.Global Illumination and Radiosity.Image-Based Rendering.Non-Photorealistic Rendering.Hardware Rendering.File Formats for Rendered Images.Getting Ready.Key Terms.Chapter 7: The Camera.Summary.Types of Cameras.The Pyramid of Vision.Types of Camera Shots.Types of Lenses.Camera Animation.Getting Ready.Key Terms.Chapter 8: Lighting.Summary.Lighting Strategies and Mood.Types of Light Sources.Basic Components of a Light Source.Lighting the Scene.Basic Positions of Light Sources.Getting Ready.Key Terms.Chapter 9: Shading and Surface Characteristics.Summary.Surface Shading Techniques.Surface Shaders and Multi-Pass Rendering.Image Mapping.Surface Reflectivity.Surface Color.Surface Texture.Surface Transparency.Environment-Dependent Shading.Selected Rendering Hacks.Getting Ready.Key Terms.SECTION IV: ANIMATION AND EFFECTS.Chapter 10: Principles of Animation.Summary.The Craft of Animation.The Twelve Principles.A Few More Principles.Character Development.Storyboarding.Getting Ready.Key Terms.Chapter 11: Computer Animation Techniques.Summary.Keyframe Interpolation and Parameter Curves.Forward Kinetics and Model Animation.Camera Animation.Light Animation.Hierarchical Character Animation.Two- and Three-Dimensional Integration.Animation File Formats.Getting Ready.Key Terms.Chapter 12: Advanced Computer Animation Techniques.Summary.Inverse Kinematics.Performance Animation and Motion Capture.Motion Dynamics and Fluid Simulations.Procedural Animation.Facial Animation.Crowd Animation.Location-Based and Interactive Entertainment.Key Terms.Chapter 13: Visual Ef.



Read The Art of 3D Computer Animation and Effects Online
Download PDF The Art of 3D Computer Animation and Effects

You May Also Like



Grandpa Spanielson's Chicken Pox Stories: Story #1: The Octopus (I Can Read Book 2)

HarperCollins, 2005. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Foreword by Raph Koster. Introduction. I. EXECUTIVE CONSIDERATIONS. 1. The Market. Do We Enter the Market? Basic Considerations. How...

[Read PDF »](#)



The Web Collection Revealed, Premium Edition: Adobe Dreamweaver CS6, Flash CS6, and Photoshop CS6 (Stay Current with Adobe Creative Cloud)

Cengage Learning, 2012. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: You can now maximize and integrate the design and development power of Adobe Creative Suite 6 with WEB...

[Read PDF »](#)



Star Flights Bedtime Spaceship: Journey Through Space While Drifting Off to Sleep

CreateSpace Independent Publishing Platform, 2013. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: "Star Flights Bedtime Spaceship" is a charming and fun story with the purpose to help children...

[Read PDF »](#)



Maisy's Christmas Tree

Candlewick, 2014. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: The final scene of the gang caroling around the tree, complete with paper crowns from British Christmas crackers, is...

[Read PDF »](#)



Who Am I in the Lives of Children? an Introduction to Early Childhood Education, Enhanced Pearson Etext with Loose-Leaf Version -- Access Card Package

Pearson, United States, 2015. Book. Book Condition: New. 10th. 250 x 189 mm. Language: English . Brand New Book. NOTE: Used books, rentals, and purchases made outside of Pearson If purchasing or renting from companies...

[Read PDF »](#)

**The Ghost of the Golden Gate Bridge Real Kids, Real Places**

Gallopade International. Paperback. Book Condition: New. Paperback. 146 pages. Dimensions: 7.4in. x 5.3in. x 0.5in. When you purchase the Library Bound mystery you will receive FREE online eBook access! Carole Marsh Mystery Online eBooks are an

[Save PDF »](#)

**Computer Q & A 98 wit - the challenge wit king(Chinese Edition)**

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Publisher: Twenty-first Century Press Pub. Date :2007-2-1. This is a collection of scientific knowledge

[Save PDF »](#)

**Primary language of primary school level evaluation: primary language happy reading (grade 6)(Chinese Edition)**

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Pub Date :2012-07-01 Pages: 92 Publisher: Tibet People's Publishing House basic information about

[Save PDF »](#)

**The Mystery of the Haunted Ghost Town Real Kids, Real Places**

Gallopade International. Paperback. Book Condition: New. Paperback. 144 pages. Dimensions: 7.4in. x 5.2in. x 0.5in. When you purchase the Library Bound mystery you will receive FREE online eBook access! Carole Marsh Mystery Online eBooks are an

[Save PDF »](#)

**Electronic Dreams: How 1980s Britain Learned to Love the Computer**

Audible Studios on Brilliance, United States, 2016. CD-Audio. Book Condition: New. Unabridged. 170 x 135 mm. Language: English . Brand New. Remember the ZX Spectrum? Ever have a go at programming with its stretchy rubber

[Save PDF »](#)