TIM DOBBERT

Matchmoving

THE INVISIBLE ART OF CAMERA TRACKING

SECOND EDITION

SYBEX BONUS SKILLS

Matchmoving The Invisible Art Of Camera Tracking

Mark Christiansen

Matchmoving The Invisible Art Of Camera Tracking:

Matchmoving Tim Dobbert,2012-10-26 Get your foot in the studio door by learning the art of matchmoving Matchmoving is a technique that allows computer graphics to be inserted into live action footage with correct position scale orientation and motion Also known as motion tracking it s what allows movie monsters to run down Main Street and robots to run through crowds and look real Now this unique book from a top expert from Industrial Light and Magic teaches you the art of matchmoving With step by step tutorials and pages of examples this book first explains the basics and then shows you professional techniques from 3D calibration and tracking to stereoscopy and more Explains concepts and teaches professional techniques for successful matchmoving Authored by a top matchmove specialist from Industrial Light and Magic who walks you through step by step tutorials and impressive examples Covers matchmoving basics 2D tracking 3D calibration and tracking automatic tracking cameras integrating matchmoves and stereoscopy Learn how studio visual effects professionals make all the right matchmoves with Matchmoving The Invisible Art of Camera Tracking 2nd Edition

The DV Rebel's Guide Stu Maschwitz,2006-12-23 Written by Stu Maschwitz co founder of the Orphanage the legendary guerrilla visual effects studio responsible for amazing and award winning effects in such movies as Sin City The Day After Tomorrow and Harry Potter and the Goblet of Fire this book is a must have for all those budding filmmakers and students who want to produce action movies with visual effects but don t have Hollywood budgets The Orphanage was created by three twenty something visual effects veterans who wanted to make their own feature films and discovered they could do this by utilizing home computers off the shelf software and approaching things artistically This guide details exactly how to do this from planning and selecting the necessary cameras software and equipment to creating specific special effects including gunfire Kung Fu fighting car chases dismemberment and more to editing and mixing sound and music Its mantra is that the best low budget action moviemakers must visualize the end product first in order to reverse engineer the least expensive way to get there Readers will learn how to integrate visual effects into every aspect of filmmaking before filming during filming and with in camera shots and with computers in postproduction Throughout the book the author makes specific references to and uses popular action movies both low and big budget as detailed examples including El Mariachi La Femme Nikita Die Hard and Terminator 2 Note from the Publisher If you have the 3rd printing of The DV Rebel s Guide your disc may be missing the data files that accompany the book If this is the case please send an email to Peachpit in order to obtain the files at ask peachpit com **The Digital Matte Painting Handbook** David B. Mattingly,2011-04-18 The only how to guide dedicated to mastering the technique of digital matte painting Matte painting affords seamless integration between an artist s painting with live action film footage and allows for greater flexibility and creative input in the appearance of movie settings This unique book reveals a variety of tools and techniques that are both industry and classroom tested and will enhance your existing skill set Veteran author and instructor David Mattingly walks you through the process of creating a

matte painting starting with rough concept sketches working out the perspective drawing adding light and shadow and texturing all of the elements in the painting You ll gradually upgrade to using Adobe After Effects and Autodesk Maya in order to fulfill your matte painting vision Escorts you through the process of creating a matte painting starting with the initial concept sketch adding light and shadow texturing elements and incorporating motion and depth Author is an experienced matte artist and teacher and shares a plethora of unique industry and classroom tested tools and techniques Features helpful step by step instructions accompanied by screen shots and photos to illustrate the process of creating a matte painting Whether you re creating a background for a studio production independent film TV commercial or YouTube video The Digital Matte Painting Handbook helps you successfully complete your project Note CD ROM DVD and other supplementary materials are not included as part of eBook file *Adobe After Effects CS5 Visual Effects and Compositing Studio Techniques* Mark Christiansen,2010-10-06 This is the only book on the market to focus exclusively on the creation of visual effects for After Effects users and is a one stop resource for anyone who wants in depth explanations that demystify the realm of visual effects and how they were created thanks to veteran author Mark Christiansen s friendly and accessible style A thoroughly packed informative read this masterful guide focuses on explaining the essential concepts features and techniques that are key to creating seamless movie quality visual effects Users who are comfortable with After Effects will find a helpful review of the fundamentals managing footage viewing and editing layers animating type and more so they can learn how to work smarter and more efficiently Readers of all levels will learn core techniques for effects compositing including color matching keying rotoscoping motion tracking emulating the camera and concluding with using expressions in After Effects written by contributor and expert Dan Ebberts An incredibly useful appendix on scripting in After Effects is included as well written by Adobe engineer Jeff Almasol The final section of the book delves into creative explorations demonstrating professional effects that are commonly seen in films and games which readers can re create Readers will also find comprehensive coverage of all that s new and makes this version of Adobe s effects programa must have update including the revolutionary new Roto Brush all new effects such as the New Refine Matte effect new support for Color Look Up Tables workflows that take advantage of the all new 64 bit support inclusion of third party tools for additional creativity and much more Note from the publisher FREE Adobe After Effects CS5 5 updates are available for this title Simply register your product at www peachpit com register and you will receive the updates when they become available Adobe After Effects CS4 Visual Effects and Compositing Studio Techniques Mark Christiansen,2010-04-09 This is the only book in the After Effects market to focus exclusively on the creation of visual effects and is a one stop resource for anyone who wants in depth explanations that demystify the realm of visual effects and how they were created thanks to veteran author Mark Christiansen s friendly and accessible style A thoroughly packed informative read this masterful guide focuses on explaining the essential concepts features and techniques that are key to creating seamless movie quality visual effects Users who are

comfortable with After Effects will find a helpful review of After Effects fundamentals managing footage viewing and editing layers animating type and more so they can learn how to work smarter and more efficiently Readers of all levels will learn core techniques for effects compositing including color matching keying rotoscoping motion tracking emulating the camera and concluding with using expressions in After Effects written by contributor and expert Dan Ebberts The final section of the book delves into creative explorations demonstrating professional effects that readers might want to re create Readers will also find comprehensive coverage of all that s new and makes this version of Adobe s effects program such a boon to video pros of all stripes searchable timelines and projects Photoshop 3D layers import the Cartoon effect Imagineer Systems Mocha for Adobe After Effects improved workflow for mobile devices and more All of Peachpit s eBooks contain the same content as the print edition You will find a link in the last few pages of your eBook that directs you to the media files Helpful tips If you are able to search the book search for Where are the lesson files Go to the very last page of the book and scroll backwards You will need a web enabled device or computer in order to access the media files that accompany this ebook Entering the URL supplied into a computer with web access will allow you to get to the files Depending on your device it is possible that your display settings will cut off part of the URL To make sure this is not the case try reducing your font size and turning your device to a landscape view This should cause the full URL to appear Throughout the book beautiful full color examples demonstrate what s possible while the companion DVD offers demos of After Effects CS4 sample footage and software plug ins **Matchmoving** Tim Dobbert,2005-03-18 CD ROM contains tutorials a collection of support files to help with various matchmove tasks plus demo versions of matchmoving programs **The British National Bibliography** Arthur James Wells,2005

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