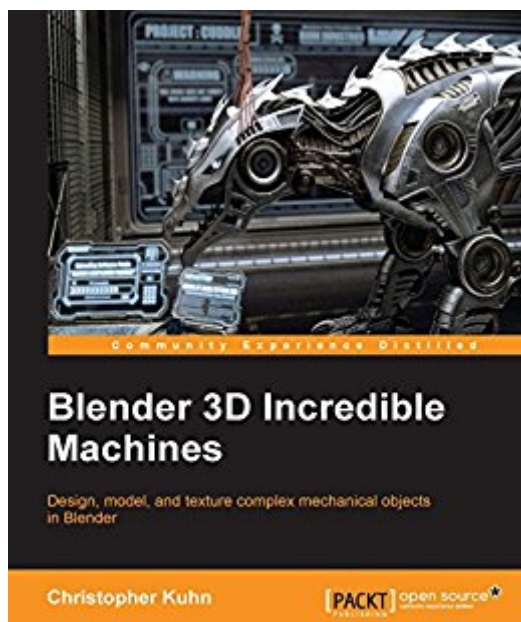


The book was found

Blender 3D Incredible Machines



Synopsis

Key FeaturesDevelop realistic and awesome machines for your 3D projects and animation

filmsGain the ability to look at a piece of machinery in real life and then recreate it in

BlenderDevelop a comprehensive skill set covering key aspects of mechanical modelingBook

DescriptionBlender 3D is one of the top pieces of 3D animation software. Machine modeling is an

essential aspect of war games, space games, racing games, and animated action films. As the

Blender software grows more powerful and popular, there is a demand to take your modeling skills

to the next level. This book will cover all the topics you need to create professional models and

renders.This book will help you develop a comprehensive skill set that covers the key aspects of

mechanical modeling. Through this book, you will create many types of projects, including a pistol,

spacecraft, robot, and a racer. We start by making a Sci-fi pistol, creating its basic shape and

adding details to it. Moving on, you'll discover modeling techniques for larger objects such as a

space craft and take a look at how different techniques are required for freestyle modeling.After this,

we'll create the basic shapes for the robot and combine the meshes to create unified objects. We'll

assign materials and explore the various options for freestyle rendering. We'll discuss techniques to

build low-poly models, create a low-poly racer, and explain how they differ from the high poly

models we created previously.By the end of this book, you will have mastered a workflow that you

will be able to apply to your own creations.What you will learnReacquaint yourself with Blender's

modeling toolsetPractice fundamental skills that are applicable to a range of modeling projectsKnow

when and where to use various types of geometryâ "something that saves time in one instance will

pose significant problems in anotherThink ahead and plan your project out to significantly improve

both quality and efficiencyCreate models for freestyle useOvercome challenging modeling

problemsCreate customized game models that can easily be exported to other formats. This is one

of the most popular uses of Blender, and the results can be incorporated into game design!Get

comfortable with the start-to-finish process to create any type of hard surface modelAbout the

AuthorChristopher Kuhn is a 3D artist and Blender enthusiast. He has been heavily involved in the

Blender community since 2010. His company, Kuhn Industries LLC, creates custom 3D assets and

educational materials for both professional and non professional uses. In addition to his 3D courses

on CGCookie.com, he's written two previous books on Blender (Build Your Own Rocket Bike and

Death to the Armatures).Table of ContentsSci-Fi Pistol - Creating the Basic ShapesSci-Fi Pistol -

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â “ Materials and Textures

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