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| 1. Record Nr.           | UNINA9910786936903321  |
| Autore                  | Valenza Enrico   |
| Titolo                  | Blender 2.6 Cycles [[electronic resource]] : materials and textures cookbook // Enrico Valenza   |
| Pubbl/distr/stampa      | Birmingham, : Packt Pub., 2013   |
| ISBN                    | 1-78216-131-7  |
| Descrizione fisica      | 1 online resource (280 p.)   |
| Collana                 | Open source : community experience distilled   |
| Soggetti                | Computer animation<br>Open source software   |
| Lingua di pubblicazione | Inglese  |
| Formato                 | Materiale a stampa   |
| Livello bibliografico   | Monografia   |
| Note generali           | Includes index.<br>"Over 40 recipes to help you create stunning materials and textures using the Cycles rendering engine with Blender."  |
| Nota di contenuto       | Cover; Copyright; Credits; About the Author; About the Reviewers; www.PacktPub.com; Table of Contents; Preface; Chapter 1: Overview of Materials in Cycles; Introduction; Material nodes in Cycles; Procedural textures in Cycles; Setting the World material; Creating a mesh-light material; Using displacement (aka bump); Chapter 2: Managing Cycles Materials; Introduction; Preparing an ideal Cycles interface for material creation; Naming materials and textures; Creating node groups; Linking materials; Chapter 3: Creating Natural Materials in Cycles; Introduction Creating a rock material using image mapsCreating a rock material using procedural textures; Creating a sand material using procedural textures; Creating a simple ground material using procedural textures; Creating a snow material using procedural textures; Creating an ice material using procedural textures; Creating a clean running water material; Chapter 4: Creating Man-made Materials in Cycles; Introduction; Creating a generic plastic material; Creating a bakelite material; Creating an expanded polystyrene material; Creating a clear (glassy) polystyrene material; Creating a rubber material Creating an antique bronze material with proceduralsCreating a multipurpose metal group node; Creating a worn metal material with procedurals; Creating a rusty metal material with procedurals; Creating a wood material with procedurals; Chapter 5: Creating Complex Natural |

Materials in Cycles; Introduction; Creating an ocean material using procedural textures; Creating underwater environment materials; Creating a snowy mountain landscape with procedurals; Creating a realistic planet Earth as seen from space; Chapter 6: Creating More Complex Man-made Materials; Introduction  
Creating cloth materials with procedurals  
Creating a leather material with procedurals; Creating a synthetic sponge material with procedurals; Creating a brick wall material with procedurals; Creating a spaceship hull; Chapter 7: Creating Organic Materials; Introduction; Creating a snake-like scaly material with image maps and procedurals; Creating a wasp-like chitin material with procedural textures; Creating a beetle-like chitin material with procedural textures; Creating a grass shader; Creating tree shaders - the bark; Creating tree shaders - the leaves  
Creating a Gray Alien skin material with procedurals  
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#### Sommario/riassunto

Written in a friendly, practical style this Cookbook deep-dives into a wide-array of techniques used to create realistic materials and textures. This book is perfect for you if you have used Blender before but are new to the impressive Cycles renderer. You should have some knowledge of the Blender interface, though this is not a strict requirement. If you want to create realistic, stunning materials and textures using Cycles, then this book is for you!

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