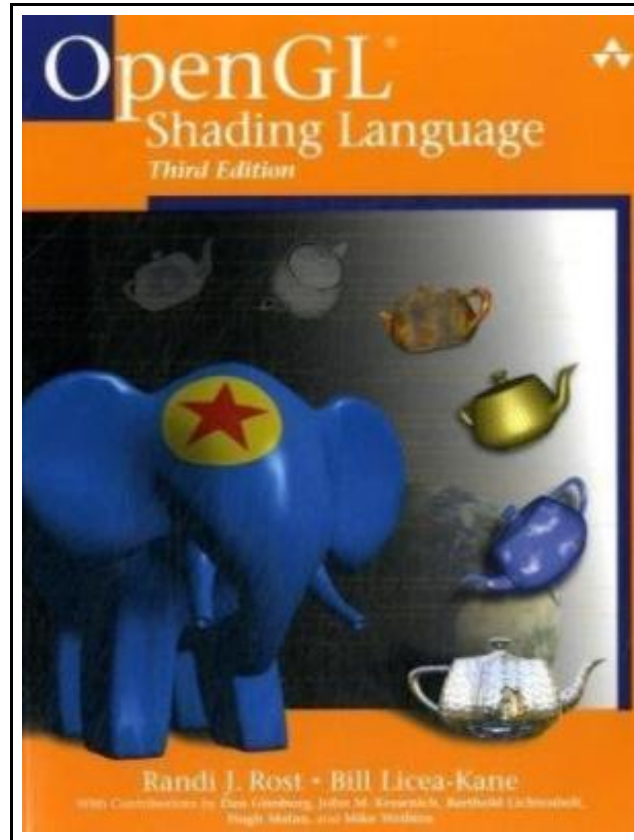# OpenGL Shading Language (Paperback)

Filesize: 8.49 MB

Reviews

The book is great and fantastic. It is writter in straightforward words and phrases rather than difficult to understand. You wont really feel monotony at at any time of your respective time (that's what catalogues are for regarding should you question me).

(Payton Miller)

OPENGL SHADING LANGUAGE (PAPERBACK)

To read **OpenGL Shading Language (Paperback)** PDF, make sure you access the hyperlink listed below and save the file or have accessibility to additional information that are relevant to OPENGL SHADING LANGUAGE (PAPERBACK) book.

Pearson Education (US), United States, 2009. Paperback. Book Condition: New. 3rd Revised edition. 229 x 183 mm. Language: English . Brand New Book. OpenGL(R) Shading Language, Third Edition, extensively updated for OpenGL 3.1, is the experienced application programmer s guide to writing shaders. Part reference, part tutorial, this book thoroughly explains the shift from fixed-functionality graphics hardware to the new era of programmable graphics hardware and the additions to the OpenGL API that support this programmability. With OpenGL and shaders written in the OpenGL Shading Language, applications can perform better, achieving stunning graphics effects by using the capabilities of both the visual processing unit and the central processing unit. In this book, you will find a detailed introduction to the OpenGL Shading Language (GLSL) and the new OpenGL function calls that support it. The text begins by describing the syntax and semantics of this high-level programming language. Once this foundation has been established, the book explores the creation and manipulation of shaders using new OpenGL function calls. OpenGL(R) Shading Language, Third Edition, includes updated descriptions for the language and all the GLSL entry points added though OpenGL 3.1 , as well as updated chapters that discuss transformations, lighting, shadows, and surface characteristics. The third edition also features shaders that have been updated to OpenGL Shading Language Version 1.40 and their underlying algorithms, including * Traditional OpenGL fixed functionality * Stored textures and procedural textures * Image-based lighting * Lighting with spherical harmonics * Ambient occlusion and shadow mapping * Volume shadows using deferred lighting * Ward s BRDF model The color plate section illustrates the power and sophistication of the OpenGL Shading Language. The API Function Reference at the end of the book is an excellent guide to the API entry points that support the OpenGL Shading Language.

You May Also Like

[PDF] The Voyagers Series - Europe: A New Multi-Media Adventure Book 1 (Paperback)

Click the link under to get "The Voyagers Series - Europe: A New Multi-Media Adventure Book 1 (Paperback)" document.

Read Book »

[PDF] Homeschool Your Child for Free: More Than 1,400 Smart, Effective, and Practical Resources for Educating Your Family at Home (Paperback)

Click the link under to get "Homeschool Your Child for Free: More Than 1,400 Smart, Effective, and Practical Resources for Educating Your Family at Home (Paperback)" document.

Read Book »

[PDF] Learn em Good: Improve Your Child s Math Skills: Simple and Effective Ways to Become Your Child s Free Tutor Without Opening a Textbook (Paperback)

Click the link under to get "Learn em Good: Improve Your Child s Math Skills: Simple and Effective Ways to Become Your Child s Free Tutor Without Opening a Textbook (Paperback)" document.

Read Book »

[PDF] Crochet: Learn How to Make Money with Crochet and Create 10 Most Popular Crochet Patterns for Sale: (Learn to Read Crochet Patterns, Charts, and Graphs, Beginner s Crochet Guide with Pictures) (Paperback)

Click the link under to get "Crochet: Learn How to Make Money with Crochet and Create 10 Most Popular Crochet Patterns for Sale: (Learn to Read Crochet Patterns, Charts, and Graphs, Beginner s Crochet Guide with Pictures) (Paperback)" document.

Read Book »

[PDF] How to Make a Free Website for Kids (Paperback)

Click the link under to get "How to Make a Free Website for Kids (Paperback)" document.

Read Book »

[PDF] Fart Book African Bean Fart Adventures in the Jungle: Short Stories with Moral (Paperback)

Click the link under to get "Fart Book African Bean Fart Adventures in the Jungle: Short Stories with Moral (Paperback)" document.

Read Book »

[PDF] Dracula Investigates the Mummy s Purse (Paperback)

Access the hyperlink beneath to get "Dracula Investigates the Mummy s Purse (Paperback)" PDF document.

Save PDF »

[PDF] Eat Your Green Beans, Now! (Paperback)

Access the hyperlink beneath to get "Eat Your Green Beans, Now! (Paperback)" PDF document.

Save PDF »

[PDF] A Summer in a Canyon (Dodo Press) (Paperback)

Access the hyperlink beneath to get "A Summer in a Canyon (Dodo Press) (Paperback)" PDF document.

Save PDF »

[PDF] The Romance of a Christmas Card (Illustrated Edition) (Dodo Press) (Paperback)

Access the hyperlink beneath to get "The Romance of a Christmas Card (Illustrated Edition) (Dodo Press) (Paperback)" PDF document.

Save PDF »

[PDF] Jack Drummond s Christmas Present: Adventure Series for Children Ages 9-12 (Paperback)

Access the hyperlink beneath to get "Jack Drummond s Christmas Present: Adventure Series for Children Ages 9-12 (Paperback)" PDF document.

Save PDF »

[PDF] A Cathedral Courtship (Dodo Press) (Paperback)

Access the hyperlink beneath to get "A Cathedral Courtship (Dodo Press) (Paperback)" PDF document.

Save PDF »