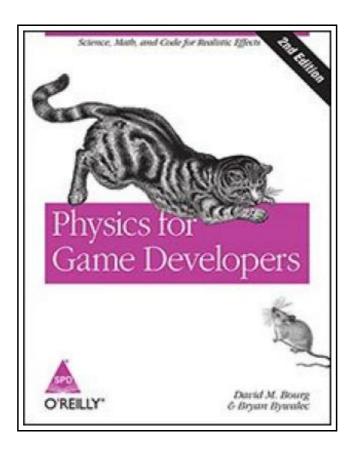
Physics for Game Developers: Science, math, and code for realistic effects (Second Edition)



Filesize: 4.01 MB

Reviews

This publication is worth getting. it was writtern really flawlessly and valuable. Its been designed in an exceedingly easy way and is particularly only right after i finished reading this ebook through which in fact altered me, affect the way i believe.

(Lester Ebert)

PHYSICS FOR GAME DEVELOPERS: SCIENCE, MATH, AND CODE FOR REALISTIC EFFECTS (SECOND EDITION)



Shroff Publishers & Distributors Pvt. Ltd., 2013. Softcover. Book Condition: New. 2nd edition. If you want to enrich your game?s experience with physics-based realism, the expanded edition of this classic book details physics principles applicable to game development. You'll learn about collisions, explosions, sound, projectiles, and other effects used in games on Wii, PlayStation, Xbox, smartphones, and tablets. You?ll also get a handle on how to take advantage of various sensors such as accelerometers and optical tracking devices. Authors David Bourg and Bryan Bywalec show you how to develop your own solutions to a variety of problems by providing technical background, formulas, and a few code examples. This updated book is indispensable whether you work alone or as part of a team. Refresh your knowledge of classical mechanics, including kinematics, force, kinetics, and collision response Explore rigid body dynamics, using real-time 2D and 3D simulations to handle rotation and inertia Apply concepts to real-world problems: model the behavior of boats, airplanes, cars, and sports balls Enhance your games with digital physics, using accelerometers, touch screens, GPS, optical tracking devices, and 3D displays Capture 3D sound effects with the OpenAL audio API About the Authors David Bourg is a Naval Architect involved in various military and commercial proposal, design, and construction efforts. Since 1998, David has served as an independent consultant working for various regional clients engaged in both commercial and military shipbuilding where he provides design and analysis services including but not limited to concept design, proposal writing, detailed design and analysis, visualization, and software development among other services. He coordinated and led the winning design and proposal effort for the US Coast Guard Point Class (patrol boat) Replacement Program. In 2006, David joined fellow Naval Architect Kenneth Humphreys to form MiNO Marine, LLC, a naval architecture and marine professional...

- Read Physics for Game Developers: Science, math, and code for realistic effects (Second Edition) Online
- Download PDF Physics for Game Developers: Science, math, and code for realistic effects (Second Edition)

You May Also Like



Becoming a Spacewalker: My Journey to the Stars (Hardback)

Purdue University Press, United States, 2014. Hardback. Book Condition: New. 284 x 216 mm. Language: English . Brand New Book. This nonfiction picture book is a children s version of NASA astronaut Jerry L. Ross...

Save Document »



The Well-Trained Mind: A Guide to Classical Education at Home (Hardback)

WW Norton Co, United States, 2016. Hardback. Book Condition: New. 4th Revised edition. 244 x 165 mm. Language: English . Brand New Book. The Well-Trained Mind will instruct you, step by step, on how to...

Save Document »



Homeschool Your Child for Free: More Than 1,400 Smart, Effective, and Practical Resources for Educating Your Family at Home

Random House USA Inc, United States, 2009. Paperback. Book Condition: New. 2nd. 229 x 185 mm. Language: English. Brand New Book. Provide a solid education at home without breaking the bank. Introduced in 2000,...

Save Document »



Stories of Addy and Anna: Second Edition

Mohd Shahran Bin Daud, United States, 2015. Paperback. Book Condition: New. Siti Haziqah Samsul (illustrator). 244 x 170 mm. Language: English . Brand New Book ***** Print on Demand ******.Delightful, Colorful and Fun Learning Book...

Save Document »



Kindergarten Culture in the Family and Kindergarten; A Complete Sketch of Froebel's System of Early Education, Adapted to American Institutions. for the Use of Mothers and Teachers

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English. Brand New Book ***** Print on Demand *****. This historic book may have numerous typos and missing text. Purchasers can download...

Save Document »