



Building Aerospace Simulations in C++: Version 2.1

By Peter H. Zipfel

American Institute of Aeronautics Astronautics, United States, 2008. CD-ROM. Condition: New. 2nd Revised edition. Language: English . Brand New. Now you can teach yourself how to apply the power of C++ to simulate multi-object aerospace vehicles. Building on your basic understanding of C++ and your familiarity with flight dynamics, this multimedia, interactive CD-ROM will lead you from simple satellite simulations to unmanned combat air vehicles and sophisticated six-degree-of-freedom simulations of intercept missiles. The 16 labs, divided into 32 training units, will bring to life polymorphism, inheritance, and encapsulation by hands-on experimentation with 27 increasingly more complex programs. In 38 exercises you apply your skills and check your progress against the provided solutions. The second, revised edition expands the tutorials and upgrades the software to the latest CADAC architecture, compatible with Microsoft Visual C++ 6, 7, or 8. This CD-ROM complements the textbook Modeling and Simulation of Aerospace Vehicle Dynamics, Second Edition, AIAA Education Series. It shows you how aerodynamics, propulsion, flight control, and navigation and guidance are translated into C++ code and combined to simulate full-up aerospace vehicles. Besides the book, all you need is the Microsoft Visual C++ 6, 7, or 8 compiler; Microsoft Explorer 6 or 7, and CADAC-Studio for Plotting. You will...



READ ONLINE
[4.1 MB]

Reviews

It is one of the best pdf I have written in straightforward words and never difficult to understand. It has been designed in an extremely straightforward way and it is just following I finished reading this book through which basically modified me, affect the way I believe.

-- Deonte Abbott III

Completely among the finest pdf I actually have ever read through. It was actually written extremely completely and beneficial. Once you begin to read the book, it is extremely difficult to leave it before concluding.

-- Santos Metz

Relevant eBooks



And You Know You Should Be Glad

HarperCollins Publishers Inc, United States, 2014. Paperback. Book Condition: New. Reprint. 201 x 132 mm. Language: English . Brand New Book ***** Print on Demand *****.A highly personal and moving true story of friend-ship and remembrance from the New York Times bestselling...



Now You're Thinking!

Pearson Education, 2011. Hardcover. Book Condition: Neu. Gebrauch - Sehr gut Unbenutzt. Schnelle Lieferung, Kartonverpackung. Abzugsfähige Rechnung. Bei Mehrfachbestellung werden die Versandkosten anteilig erstattet. - If you can change the way you think, you can change the world. That,s the theme of...



My Windows 8.1 Computer for Seniors (2nd Revised edition)

Pearson Education (US). Paperback. Book Condition: new. BRAND NEW, My Windows 8.1 Computer for Seniors (2nd Revised edition), Michael Miller, Easy, clear, readable, and focused on what you want to do Step-by-step instructions for the tasks you care about most Large, full-color,...



Eat Your Green Beans, Now! Second Edition: Full-Color Illustrations. Adorable Rhyming Book for Ages 5-8. Bedtime Story for Boys and Girls.

Createspace, United States, 2015. Paperback. Book Condition: New. Donnalee Grimsley (illustrator). 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Edition #2. Now available with full-color illustrations! JoJo is an active and happy 4-year old boy. 4-year...



Weebies Family Halloween Night English Language: English Language British Full Colour

Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Children s Weebies Family Halloween Night Book 20 starts to teach Pre-School and Junior Children how to read with this...



My Name is Rachel Corrie (2nd Revised edition)

Nick Hern Books. Paperback. Book Condition: new. BRAND NEW, My Name is Rachel Corrie (2nd Revised edition), Rachel Corrie, Alan Rickman, Katherine Viner, Why did a 23-year-old woman leave her comfortable American life to stand between a bulldozer and a Palestinian home?...