

Practical Guide to Computer Simulations (2nd Revised edition)

Filesize: 2.37 MB

Reviews

This ebook is very gripping and fascinating. Sure, it is engage in, nevertheless an amazing and interesting literature. It is extremely difficult to leave it before concluding, once you begin to read the book. (Ms. Ora Buckridge)

PRACTICAL GUIDE TO COMPUTER SIMULATIONS (2ND REVISED EDITION)



DOWNLOAD PDF

World Scientific Publishing Co Pte Ltd. Mixed media product. Condition: new. BRAND NEW, Practical Guide to Computer Simulations (2nd Revised edition), Alexander K. Hartmann, The book presents all the computational techniques and tools needed to start doing scientific research using computer simulations. A reader will have all the necessary basic background after working through this book, including program design, programming in C, fundamental algorithms and data structures, random numbers, debugging, up to data analysis, presentation and publishing. In each of these fields no preliminary knowledge is assumed. The reader will be equipped with a solid background such that he can perform successfully complete projects from the first idea till the final publication. For non-standard applications and further reading, many references to specialized literature are included. All techniques are explained using many examples in C. These C codes, also the solutions to exercises, can be downloaded from a Web page. The techniques in this book are independent of the field of research, hence they are suitable for conducting research projects in Physics, Chemistry, Computer Science, Biology or Engineering. This also means that no problem-dependent algorithms are introduced, hence this book does NOT explain Molecular Dynamics, Monte Carlo, Finite Elements or other special-purpose techniques, which would be beyond the scope of a general-purpose book. There are no similar comprehensive books so far. Currently, one needs many different books to learn all necessary background. Having this book, one needs basically only a second book on field-specific algorithms in order to be fully equiped to perform computer simulations research.

Read Practical Guide to Computer Simulations (2nd Revised edition) Online
Download PDF Practical Guide to Computer Simulations (2nd Revised edition)

You May Also Like

P	DF

EU Law Directions

Read ePub

~

»

Oxford University Press, United Kingdom, 2014. Paperback. Book Condition: New. 4th ed.. 242 x 188 mm. Language: English . Brand New Book. With a readable and modern writing style, EU Law Directions clearly explains the... Read ePub

	P	D	F
1	Ē.		1
1			

Chris P. Bacon: My Life So Far.

Hay House Inc. Hardback. Book Condition: new. BRAND NEW, Chris P. Bacon: My Life So Far., Chris P. Bacon, Len Lucero, Kristina Tracy, Welcome to the life of Chris P. Bacon, the adorable baby pig...

DDE
PUF

Environments for Outdoor Play: A Practical Guide to Making Space for Children (New edition)

SAGE Publications Ltd. Paperback. Book Condition: new. BRAND NEW, Environments for Outdoor Play: A Practical Guide to Making Space for Children (New edition), Theresa Casey, 'Theresa's book is full of lots of inspiring, practical, 'how... Read ePub

P	D	F

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... Read ePub

PDF

No Friends?: How to Make Friends Fast and Keep Them

Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****. Do You Have NO Friends ? Are you tired of not having any... Read ePub

.....