



Quantum Bits and Quantum Secrets: How Quantum Physics is revolutionizing Codes and Computers

By Morsch, Oliver

Wiley-VCH, 2008. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: 1 Introduction.2 The Colors of the Rainbow.A Prelude.2.1 The Early Beginnings.2.2 How Fast is Light?2.3 Particle or Wave?2.4 Ripples on a Lake.2.5 A Spark Flies.2.6 In Search of the Ether.2.7 Enter Einstein.3 Light, Waves and Oscillations.Some Useful Facts.3.1 Wavelength, Phase and Interference.3.2 Coherence.3.3 Polarization.4 Nature's Currency. The Story of the Quantum.4.1 An act of Desperation.4.2 Photons Galore.4.3 Uncertainty.4.4 Have You Ever Seen an Atom?4.5 A Question of Stability.5 Surprising Discoveries.A Glimpse at Quantum Mechanics.5.1 Young Again.5.2 Which Way to the Screen?5.3 Distant Relations.6 When Alice Met Bob.The Principles of Quantum Cryptography.6.1 A History of Secrets.6.2 Zeroes and Ones.6.3 One-time Pads.6.4 Secret Photons.6.5 An Element of Randomness.6.6 Sifting Keys.6.7 The BB84 Protocol.6.8 No Cloning, Please.6.9 Noisy Business.6.10 Growing Secrecy.6.11 Ekert's Idea.6.12 Real-world Quantum Cryptography.7 The Logic of Superpositions. How Quantum Computing Works. 7.1 Logic Gates. 7.2 The Basic Idea.7.3 Reversibility.7.4 The CNOT Gate.7.5 Something New.7.6 A Magic Test.7.7 Balanced and Unbalanced.7.8 One Step Closer 8 Shor's Revolution. An Introduction to Quantum Algorithms.8.1 Grover's Database Search.8.2 How Fast?8.3 Shor's Factorization Algorithm.8.3.1 Slow Calculations.8.3.2 A Nice Trick.8.3.3 Finding the Period.8.3.4 The RSA Code.9 Promising Prototypes. How Quantum Computers Might be...



Reviews

The ebook is fantastic and great. I am quite late in start reading this one, but better then never. I am just effortlessly could possibly get a enjoyment of looking at a created ebook.

-- Mr. Kevin Herzog

Comprehensive guide for ebook fanatics. I have read and i am certain that i am going to planning to read through yet again once again in the future. Your lifestyle period will likely be change once you full looking over this ebook.

-- Jakob Davis

Relevant Kindle Books



TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (3-5 years) Intermediate (3)(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date: 2005-09-01 Publisher: Chinese children before making Reading: All books are the Youth Preemployment Training software download generated pictures...



TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date: 2005-09-01 Publisher: Chinese children before making Reading: All books are the Youth Preemployment Training software download generated pictures...



A Smarter Way to Learn JavaScript: The New Approach That Uses Technology to Cut Your Effort in Half

Createspace, United States, 2014. Paperback. Book Condition: New. 251 x 178 mm. Language: English . Brand New Book ***** Print on Demand *****. The ultimate learn-by-doing approach Written for beginners, useful for experienced developers who want to sharpen their skills and don't mind...



The Perfect Name: A Step

Book Condition: Brand New. Book Condition: Brand New.



Have You Locked the Castle Gate?

Addison-Wesley Professional. Softcover. Book Condition: Neu. Gebraucht - Sehr gut Unbenutzt. Schnelle Lieferung, Kartonverpackung. Abzugsfähige Rechnung. Bei Mehrfachbestellung werden die Versandkosten anteilig erstattet. - Is your computer safe Could an intruder sneak in and steal your information, or plant a virus Have...



A Smarter Way to Learn Jquery: Learn It Faster. Remember It Longer.

Createspace Independent Publishing Platform, United States, 2016. Paperback. Book Condition: New. 254 x 178 mm. Language: English . Brand New Book ***** Print on Demand *****. Youre going to get the hang of jQuery in less time than you might expect. And the...