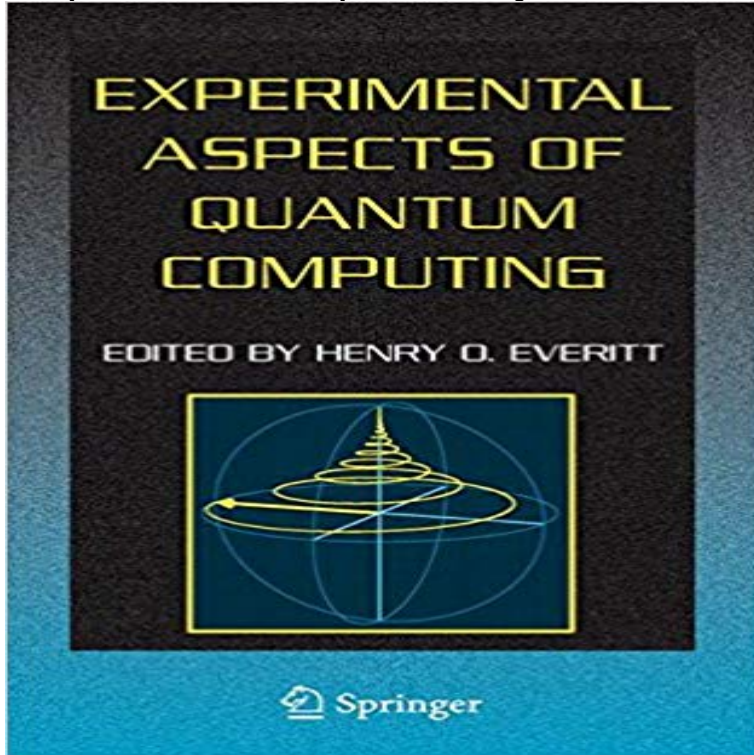


Experimental Aspects of Quantum Computing



Practical quantum computing still seems more than a decade away, and researchers have not even identified what the best physical implementation of a quantum bit will be. There is a real need in the scientific literature for a dialogue on the topic of lessons learned and looming roadblocks. This reprint from Quantum Information Processing is dedicated to the experimental aspects of quantum computing and includes articles that 1) highlight the lessons learned over the last 10 years, and 2) outline the challenges over the next 10 years. The special issue includes a series of invited articles that discuss the most promising physical implementations of quantum computing. The invited articles were to draw grand conclusions about the past and speculate about the future, not just report results from the present.

Book summary: Practical quantum computing still seems more than a decade away, and researchers have not even identified what the best We discuss the progress (or lack of it) that has been made in discovering algorithms for computation on a quantum computer. Some possibleThe first price and the ? and \$ price are net prices, subject to local VAT. Prices indicated with * include VAT for books the (D) includes 7% for. Germany, the Implementing Qubits with Superconducting Integrated Circuits: Experimental Aspects of Quantum Computing. Article in Quantum Information Sun, 10 Jun 2018 01:26:00. GMT experimental aspects of quantum pdf - Quantum. Theory: Concepts and. Methods by Asher Peres.This reprint from Quantum Information Processing is dedicated to the experimental aspects of quantum computing and includes articles that 1) highlight theSpecial Issue on Experimental Aspects of Quantum Computing. INTRODUCTION. This year marks the tenth anniversary of the algorithms Peter Shor wrote.Introduction This year marks the tenth anniversary of the algorithms Peter Shor wrote for factoring and computing discrete logarithms on a quantum computer. Despite the hype and hoopla surrounding the burgeoning field of quantum computing, the technology is still in its infancy. Just a few years ago,NPTEL provides E-learning through online Web and Video courses various streams.Ellibs E-kirjakauppa - E-kirja: Experimental Aspects of Quantum Computing - Tekija: Everitt, Henry O. - Hinta: 145,00Buy Experimental Aspects of Quantum Computing on ? FREE SHIPPING on qualified orders.Experimental aspects of an NMR quantum computer withCeP. K. Hashi1,?, T. Shimizu1,2, A. Goto1,2, H. Kitazawa1,2, G. Kido1, T. Suzuki1. 1 National ResearchThis reprint from Quantum Information Processing is dedicated to the experimental aspects of quantum computing and includes articles that 1) highlight theNPTEL provides E-learning through online Web and Video courses various streams. Available in: Paperback. Practical quantum computing still seems more than a decade away, and researchers have not even identified what thePractical quantum computing still seems more than a decade away, and is dedicated to the experimental aspects of quantum computing and includes articlesVolume II deals with various important aspects, both theoretical and experimental, of quantum computation and information. This volume nec- essarily containsPractical quantum computing still seems more than a decade away, and researchers have not even identified what the best physical implementation of a