

图书基本信息

书名：<<量子计算与信息概论/INTRODUCTION TO QUANTUM COMPUTATION AND INFORMATION>>

13位ISBN编号：9789810233990

10位ISBN编号：981023399X

出版时间：1998-12

出版时间：东南大学出版社

作者：Lo, Hoi-Kwong; Spiller, Tim; Popescu, Sandu

页数：348

版权说明：本站所提供下载的PDF图书仅提供预览和简介，请支持正版图书。

更多资源请访问：<http://www.tushu007.com>

内容概要

This book aims to provide a pedagogical introduction to the subjects of quantum information and computation. Topics include non-locality of quantum mechanics, quantum computation, quantum cryptography, quantum error correction, fault-tolerant quantum computation as well as some experimental aspects of quantum computation and quantum cryptography. Only knowledge of basic quantum mechanics is assumed. Whenever more advanced concepts and techniques are used, they are introduced carefully. This book is meant to be a self-contained overview. While basic concepts are discussed in detail, unnecessary technical details are excluded. It is well-suited for a wide audience ranging from physics graduate students to advanced researchers. This book is based on a lecture series held at Hewlett-Packard Labs, Basic Research Institute in the Mathematical Sciences (BRIMS), Bristol from November 1996 to April 1997, but it also includes other contributions.

书籍目录

ForewordPrefaceBasic Elements of Quantum Information TechnologyThe Joy of EntanglementQuantum Information and Its PropertiesQuantum CryptologyExperimental Quantum CryptographyQuantum Computation: An IntroductionQuantum Error CorrectionFault-Tolerant Quantum ComputationQuantum Computers, Error-Correction and Networking:Quantum Optical ApproachesQuantum Computation with Nuclear Magnetic ResonanceFuture Directions for Quantum Information Theory

版权说明

本站所提供下载的PDF图书仅提供预览和简介，请支持正版图书。

更多资源请访问:<http://www.tushu007.com>