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### Quantum Computing A Gentle Introduction

Quantum computing : a gentle introduction / Eleanor Rieffel and Wolfgang Polak. p. cm.—(Scientific and engineering computation) Includes bibliographical references and index. ISBN 978-0-262-01506-6 (hardcover : alk. paper) 1. Quantum computers. 2. Quantum theory. I. Polak, Wolfgang, 1950– II. Title. QA76.889.R54 2011 004.1—dc22 ...

### A Gentle Introduction Eleanor Rieffel and Wolfgang Polak

Quantum Computing: A Gentle Introduction is a textbook on quantum computing. It was written by Eleanor Rieffel and Wolfgang Polak, and published in 2011 by the MIT Press . Contents

### Quantum Computing: A Gentle Introduction - Wikipedia

Quantum Computing: A Gentle Introduction (Scientific and Engineering Computation) Paperback – Illustrated, August 29, 2014 by Eleanor G. Rieffel (Author), Wolfgang H. Polak (Author) 4.1 out of 5 stars 75 ratings

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Quantum Computing: A Gentle Introduction (Scientific and Engineering Computation): Amazon.co.uk: Rieffel, Eleanor G.: 9780262526678: Books. Buy New. £25.99. RRP: £30.00. You Save: £4.01 (13%)

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Quantum computer A quantum computer is a machine that takes a (possibly classical) input state  $j'i$ , prepares an output state  $j'0i= Uj'i$  where U is some unitary transfor- mation, and measures the output state to get a classical answer. That is (excluding the measurement), '0

### Short introduction to Quantum Computing - Kattemolle

That's why last week we gave our "gentle introduction to quantum computing" talk to an amazing audience at Cronos Leuven's Openba[a]r event. Openba[a]r is organised in our offices every last Thursday of the month and features two inspiring talks by Cronos people on a wide variety of subjects (there's pizza and drinks as well, although we hope that's just an added bonus).

### A gentle introduction to Quantum Computing | Raccoons

This is a good introduction to quantum computing, modulo a few things. I'm a mathematician, and I often found the calculations and concepts explained in a needlessly complicated way. For example, the definition and derivation of the density operator material was very opaque.

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Quantum Computing: A Gentle Introduction. Rit0o0 ... Fault Tolerance and Robust Quantum Computing 13. Further Topics in Quantum Information Processing. □□ 2019-11-06.

### Quantum Computing: A Gentle Introduction - □□

A Gentle Introduction By Eleanor G. Rieffel and Wolfgang H. Polak A thorough exposition of quantum computing and the underlying concepts of quantum physics, with explanations of the relevant mathematics and numerous examples.

### Quantum Computing | The MIT Press

computing model. Quantum information processing is the result of using the physical reality that quantum theory tells us about for the purposes of performing tasks that were previously thought impossible or infeasible. Devices that perform quantum in-formation processing are known as quantum computers. In this book we examine

### An Introduction to Quantum Computing

Quantum Computing A Gentle Introduction Eleanor Rieffel and Wolfgang Polak MIT Press, Cambridge, MA, 2011. \$45.00 (372 pp.). ISBN 978-0-262-01506-6 How do you describe a masterpiece in a page or less? This is the pleasant problem I am facing in writing a review of Quantum Computing: A Gentle Introduction by Eleanor Rieffel and Wolfgang Polak.

### Quantum Computing: A Gentle Introduction

Quantum Computing: A Gentle Introduction, Eleanor Rieffel and Wolfgang Polak, MIT Press, Cambridge, MA, 2011. \$45.00 (372 pp.). ISBN 978-0-262-01506-6 Buy at Amazon.

### Quantum Computing: A Gentle Introduction: Physics Today ...

Quantum Computing: A Gentle Introduction Review April 24, 2020 Rusty Flint. Published by MIT press and relatively inexpensive for a textbook coming in at just under \$30 the book by Rieffel and Polak is a fully fledged Quantum Computing textbook.

### Quantum Computing: A Gentle Introduction Review - Quantum ...

Quantum Computing – A Gentle Introduction (Scientific and Engineering Computation) Paperback – 3 October 2014 by Eleanor G. Rieffel (Author), Wolfgang H. Polak (Author), William Gropp (Author), 4.1 out of 5 stars 52 ratings See all formats and editions

### Buy Quantum Computing - A Gentle Introduction (Scientific ...

Title: DSRP Seminar - A gentle introduction to quantum computing. Date: Wednesday, 28 October. Time: 12:00 (noon) Venue: Zoom, via this link. Speaker: Dr John Abela . Quantum computing is an area of study that focuses on the development of computing devices that are based on the principles of quantum mechanics.

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Quantum Computing: A Gentle Introduction is a good beginner level book that covers quantum computing a bit more in depth from a computer science and information technology mentality (Rieffel ...

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quantum computing: a gentle introduction Posted on October 7, 2020 by Chapter 6, the final chapter of the building block section, discusses (classical) reversible computing, and the conversion of arbitrary computations to reversible computations, a necessary step to performing them on quantum devices.

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