

1. Record Nr.	UNISA996466740903316
Autore	Hughes Ciaran
Titolo	Quantum Computing for the Quantum Curious
Pubbl/distr/stampa	Springer Nature, 2021 Cham : , : Springer International Publishing AG, , 2021 ©2021
ISBN	3-030-61601-0
Descrizione fisica	1 online resource (159 pages)
Altri autori (Persone)	IsaacsonJoshua PerryAnastasia SunRanbel F TurnerJessica
Disciplina	006.3843
Soggetti	Particle & high-energy physics Computer science Teaching of a specific subject
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This open access book makes quantum computing more accessible than ever before. A fast-growing field at the intersection of physics and computer science, quantum computing promises to have revolutionary capabilities far surpassing “classical” computation. Getting a grip on the science behind the hype can be tough: at its heart lies quantum mechanics, whose enigmatic concepts can be imposing for the novice. This classroom-tested textbook uses simple language, minimal math, and plenty of examples to explain the three key principles behind quantum computers: superposition, quantum measurement, and entanglement. It then goes on to explain how this quantum world opens up a whole new paradigm of computing. The book bridges the gap between popular science articles and advanced textbooks by making key ideas accessible with just high school physics as a prerequisite. Each unit is broken down into sections labelled by difficulty level, allowing the course to be tailored to the student’s

experience of math and abstract reasoning. Problem sets and simulation-based labs of various levels reinforce the concepts described in the text and give the reader hands-on experience running quantum programs. This book can thus be used at the high school level after the AP or IB exams, in an extracurricular club, or as an independent project resource to give students a taste of what quantum computing is really about. At the college level, it can be used as a supplementary text to enhance a variety of courses in science and computing, or as a self-study guide for students who want to get ahead. Additionally, readers in business, finance, or industry will find it a quick and useful primer on the science behind computing's future.

2. Record Nr.	UNINA9910713060403321
Titolo	Potential overstress of shafts on Fisher series 9200 butterfly valves with expandable T rings
Pubbl/distr/stampa	Washington, D.C. : , : United States Nuclear Regulatory Commission, Office of Inspection and Enforcement, , 1981
Descrizione fisica	1 online resource (2 pages)
Collana	Information notice ; ; 81-14
Soggetti	Nuclear power plants - Piping - Valves Butterfly valves
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"April 7, 1981."