

1.	Record Nr.	UNINA9910850840503321
	Titolo	The Florida sentinel
	Pubbl/distr/stampa	Pensacola, Fla., : M.M. Lewey
	Descrizione fisica	v
	Soggetti	African Americans - Florida African Americans Newspapers. Pensacola (Fla.) Newspapers Florida Florida Pensacola
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Periodico
2.	Record Nr.	UNINA9910886078503321
	Autore	Easttom Chuck
	Titolo	Hardware for Quantum Computing / / by Chuck Easttom
	Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
	ISBN	3-031-66477-9
	Edizione	[1st ed. 2024.]
	Descrizione fisica	1 online resource (188 pages)
	Disciplina	621.382
	Soggetti	Telecommunication Quantum computers Computers Cryptography Data encryption (Computer science) Communications Engineering, Networks Quantum Computing Hardware Performance and Reliability Cryptology
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa

Livello bibliografico	Monografia
Nota di contenuto	Chapter 1. Trapped Ion Quantum Computing -- Chapter 2. Superconducting Quantum Computing -- Chapter 3. Photonic Quantum Computing -- Chapter 4. Bose – Einstein Condensate -- Chapter 5. Nitrogen Vacancy Centers -- Chapter 6. Nuclear Magnetic Resonance Quantum Computing -- Chapter 7. Electron Based Quantum Computing -- Chapter 8. Fullerene Based Quantum Computers -- Chapter 9. D-Wave and Adiabatic Quantum Computing -- Chapter 10. Topological Quantum Computing -- Chapter 11. Neutral Atom Based Quantum Computing -- Chapter 12. Reducing Noise and Error Correcting.
Sommario/riassunto	This book covers extensively the physical implementation of qubits and quantum architecture. The author demonstrates how quantum computing is implemented by the underlying physical implementation of qubits, including trapped ions, nitrogen vacancy centers, frozen neon, and other implementations. The book shows how, ultimately, the physical implementation of the qubit is the foundation of quantum computing, and that the choice of physical qubit will impact such things as decoherence times, computational efficiency, and even error rate. The book explores all the current approaches to physical qubit implementation and includes appendices that review basic quantum computing and physics. Describes the physical implementation of qubits including trapped ion, superconducting, neutral atom, and others. Covers the physical implementation of qubits Includes appendices that review basic quantum computing and physics.