

1. Record Nr.	UNISA996418170803316
Autore	Bera Rajendra K
Titolo	The Amazing World of Quantum Computing [[electronic resource] /] / by Rajendra K. Bera
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2020
ISBN	981-15-2471-8
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XVII, 265 p. 28 illus., 7 illus. in color.)
Collana	Undergraduate Lecture Notes in Physics, , 2192-4791
Disciplina	006.3843
Soggetti	Quantum computers Algorithms Mechanics Quantum physics Quantum field theory String theory Fourier analysis Quantum Computing Classical Mechanics Quantum Physics Quantum Field Theories, String Theory Fourier Analysis
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1. Quantum Cryptography & Quantum Teleportation -- 2. A Quick Comparison of Quantum & Classical Mechanics -- 3. The Birth and Coming of Age of Quantum Mechanics -- 4. Laws of Quantum Mechanics -- 5. Weirdness of Quantum Mechanics -- 6. Mathematical Elements Needed to Compute -- 7. Some Mathematical Consequences of the Postulates -- 8. Waves and Fourier Analysis -- 9. Getting the Hang of Measurement -- 10. Quantum Gates -- 11. Unusual Solutions of Usual Problems -- 12. Fundamental Limits to Computing -- 13. The Crown Jewels among Quantum Algorithms -- 14. Quantum Error Corrections -- 15. Time-Multiplexed Interpretation of Measurement -- 16. Quantum Computing and Social Responsibility.

**Sommario/riassunto**

This book discusses the application of quantum mechanics to computing. It explains the fundamental concepts of quantum mechanics and then goes on to discuss various elements of mathematics required for quantum computing. Quantum cryptography, waves and Fourier analysis, measuring quantum systems, comparison to classical mechanics, quantum gates, and important algorithms in quantum computing are among the topics covered. The book offers a valuable resource for graduate and senior undergraduate students in STEM (science, technology, engineering, and mathematics) fields with an interest in designing quantum algorithms. Readers are expected to have a firm grasp of linear algebra and some familiarity with Fourier analysis. .

**2. Record Nr.****Autore****Titolo****Pubbl/distr/stampa****ISBN****Descrizione fisica****Collana****Classificazione****Disciplina****Soggetti****Lingua di pubblicazione****Formato**

UNINA9910779463903321

Schmidt Elizabeth &lt;1955-&gt;

Foreign intervention in Africa : from the Cold War to the War on Terror / / Elizabeth Schmidt , Loyola University, Maryland ; foreword by William Minter [[electronic resource]]

Cambridge : , : Cambridge University Press, , 2013

1-107-30113-0  
1-107-30222-6  
1-107-31396-1  
1-139-02137-0  
1-107-25530-9  
1-107-30841-0  
1-107-30621-3  
1-107-31176-4  
1-299-00623-X

1 online resource (xviii, 267 pages) : digital, PDF file(s)

New approaches to African history ; ; 7

HIS001000

327.6009/045

Insurgency - Africa - History  
Africa Foreign relations  
Africa Politics and government  
Africa Foreign economic relations

Inglese

Materiale a stampa

**Livello bibliografico****Note generali****Nota di bibliografia****Nota di contenuto****Sommario/riassunto****Monografia**

Title from publisher's bibliographic system (viewed on 05 Oct 2015).

Includes bibliographical references and index.

Machine generated contents note: Foreword William Minter; Acknowledgments; Illustrations list; Abbreviations; Introduction; 1. Nationalism, decolonization, and the Cold War (1945-1991); 2. Egypt and Algeria: radical nationalism, nonalignment, and external intervention in North Africa (1952-1973); 3. The Congo crisis (1960-1965); 4. War and decolonization in Portugal's African empire (1961-1975); 5. White minority rule in Southern Africa (1960-1990); 6. Conflict in the Horn (1952-1993); 7. France's private African domain (1947-1991); 8. From the Cold War to the War on Terror (1991-2010); Conclusion; Index.

Foreign Intervention in Africa chronicles the foreign political and military interventions in Africa from 1956 to 2010, during the periods of decolonisation and the Cold War, as well as during the periods of state collapse and the 'global war on terror'. In the first two periods, the most significant intervention was extra-continental. The USA, the Soviet Union, China, Cuba and the former colonial powers entangled themselves in countless African conflicts. During the period of state collapse, the most consequential interventions were intra-continental. African governments, sometimes assisted by powers outside the continent, supported warlords, dictators and dissident movements in neighbouring countries and fought for control of their neighbours' resources. The global war on terror, like the Cold War, increased foreign military presence on the African continent and generated external support for repressive governments. In each of these cases, external interests altered the dynamics of Africa's internal struggles, escalating local conflicts into larger conflagrations, with devastating effects on African peoples.