

1. Record Nr.	UNINA9910458017503321
Autore	Hatina Meir
Titolo	'Ulama', politics, and the public sphere [[electronic resource]] : an Egyptian perspective / / Meir Hatina
Pubbl/distr/stampa	Salt Lake City, : University of Utah Press, c2010
ISBN	1-60781-977-5
Descrizione fisica	1 online resource (257 p.)
Disciplina	297.6/10962
Soggetti	Ulama - Egypt - History Islam - Egypt - History Electronic books. Egypt Politics and government
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references (p. 215-238) and index.
Nota di contenuto	Ulama and modernity : a reappraisal -- Part one. the Ulama of Egypt -- A historical sketch -- Modernization and protest -- Part two. Azharis and the Urabi revolt, 1881-1882 -- Islam and dissidence -- In defense of religion and homeland -- Exile as a prism for cultural interaction -- Part three. confronting a changing world -- Debating Islam -- Al-Azhar and the Egyptian nation-state -- Ulama in the Middle East : a comparative perspective.

2. Record Nr.	UNINA9910734871103321
Autore	Dasa Tapanakumara
Titolo	Quantum Mechanics : Axiomatic Approach and Understanding Through Mathematics // by Tapan Kumar Das
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2023
ISBN	981-9904-94-3
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (319 pages)
Collana	UNITEXT for Physics, , 2198-7890
Disciplina	530.120151
Soggetti	Quantum theory Mathematics Mathematical physics Quantum electrodynamics Quantum Physics Applications of Mathematics Theoretical, Mathematical and Computational Physics Quantum Electrodynamics, Relativistic and Many-body Calculations
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. Introduction -- 2. Mathematical preliminary I -- 3. Axiomatic approach to Quantum Mechanics -- 4. Formulation of Quantum Mechanics -- 5. General uncertainty relation -- 6. Harmonic oscillator: operator method -- 7. Mathematical preliminary II -- 8. Solution of Schrodinger equation -- 9. One-dimensional potentials -- 10. Three dimensional problem -- 11. Hydrogen-type atoms -- 12. Particle in a 3-D well -- 13. Scattering in 1-dimension -- 14. Scattering in 3-dimension.
Sommario/riassunto	This book provides a clear understanding of quantum mechanics (QM) by developing it from fundamental postulates in an axiomatic manner, as its central theme. The target audience is physics students at master' s level. It avoids historical developments, which are piecemeal, not logically well knitted, and may lead to misconceptions. Instead, in the present approach all of QM and all its rules are developed logically starting from the fundamental postulates only and no other assumptions. Specially noteworthy topics have been developed in a

smooth contiguous fashion following the central theme. They provide a new approach to understanding QM. In most other texts, these are presented as disjoint separate topics. Since the reader may not be acquainted with advanced mathematical topics like linear vector space, a number of such topics have been presented as “mathematical preliminary.” Standard topics, viz. derivation of uncertainty relations, simple harmonic oscillator by operator method, bound systems in one and three dimensions, angular momentum, hydrogen-like atom, and scattering in one and three dimensions, are woven into the central theme. Advanced topics like approximation methods, spin and generalized angular momenta, addition of angular momenta, and relativistic quantum mechanics have been reserved for Volume II.
