

1. Record Nr.	UNISALENTO991001160959707536
Autore	Earnshaw, R. A.
Titolo	Multimedia systems and applications / edited by R. A. Earnshaw and J. A. Vince
Pubbl/distr/stampa	London : Academic Press, c1995
ISBN	0122277406
Descrizione fisica	xvii, 264 p., 18 plates : ill. ; 25 cm + 1 cd.
Classificazione	AMS 68U99 CR H.5.1
Altri autori (Persone)	Vince, J. A.
Disciplina	006.7
Soggetti	Multimedia systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index

2. Record Nr.	UNINA9910437977703321
Autore	Scheck Florian
Titolo	Quantum Physics // by Florian Scheck
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2013
ISBN	3-642-34563-8
Edizione	[2nd ed. 2013.]
Descrizione fisica	1 online resource (765 p.)
Disciplina	530.12
Soggetti	Quantum theory Mathematical physics Quantum Physics Mathematical Physics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	From the Uncertainty Relation to Many-Body Systems -- Quantum Mechanics of Point Particles -- Scattering of Particles by Potentials -- The Principles of Quantum Theory -- Space-Time Symmetries in Quantum Physics -- Applications of Quantum Mechanics -- From Symmetries in Quantum Physics to Electroweak Interactions -- Symmetries and Symmetry Groups in Quantum Physics -- Quantized Fields and their Interpretation -- Scattering Matrix and Observables in Scattering and Decays -- Particles with Spin 1/2 and the Dirac Equation -- Elements of Quantum Electrodynamics and Weak Interactions.
Sommario/riassunto	Scheck's Quantum Physics presents a comprehensive introductory treatment, ideally suited for a two-semester course. Part One covers the basic principles and prime applications of quantum mechanics, from the uncertainty relations to many-body systems. Part Two introduces to relativistic quantum field theory and ranges from symmetries in quantum physics to electroweak interactions. Numerous worked-out examples as well as exercises, with solutions or hints, enables the book's use as an accompanying text for courses, and also for independent study. For both parts, the necessary mathematical framework is treated in adequate form and detail. The book ends with appendices covering mathematical fundamentals and enrichment

topics, plus selected biographical notes on pioneers of quantum mechanics and quantum field theory. The new edition was thoroughly revised and now includes new sections on quantization using the path integral method and on deriving generalized path integrals for bosonic and fermionic fields.

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