

1. Record Nr.	UNIORUON00006909
Autore	DIMAND, M. S.
Titolo	Musulmanon ke Funun / M. S. Dimand
Pubbl/distr/stampa	Lahavr, : Panjabi Adabi Academi, 1964
Descrizione fisica	451 p., c. di tav. ; 25 cm
Classificazione	SI IX A
Soggetti	ARTE ISLAMICA - INDIA
Lingua di pubblicazione	Urdu
Formato	Materiale a stampa
Livello bibliografico	Monografia
2. Record Nr.	UNINA9910484526903321
Autore	Albeverio Sergio
Titolo	Mathematical Theory of Feynman Path Integrals : An Introduction / / by Sergio Albeverio, Rafael Høegh-Krohn, Sonia Mazzucchi
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2008
ISBN	9783540769569 3540769560
Edizione	[2nd ed. 2008.]
Descrizione fisica	1 online resource (X, 182 p.)
Collana	Lecture Notes in Mathematics, , 1617-9692 ; ; 523
Altri autori (Persone)	Hoegh-KrohnRaphael MazzucchiSonia
Disciplina	515.43
Soggetti	Integral equations Measure theory Functional analysis Operator theory Probabilities Global analysis (Mathematics) Manifolds (Mathematics) Integral Equations Measure and Integration Functional Analysis Operator Theory Probability Theory Global Analysis and Analysis on Manifolds

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. [141]-171) and index.
Nota di contenuto	<p>Preface to the second edition -- Preface to the first edition -- 1. Introduction -- 2.The Fresnel Integral of Functions on a Separable Real Hilbert Spa -- 3.The Feynman Path Integral in Potential Scattering -- 4. The Fresnel Integral Relative to a Non-singular Quadratic Form -- 5. Feynman Path Integrals for the Anharmonic Oscillator -- 6.Expectations with Respect to the Ground State of the Harmonic Oscillator -- 7. Expectations with Respect to the Gibbs State of the Harmonic Oscillator -- 8.The Invariant Quasi-free States -- 9.The Feynman Hystory Integral for the Relativistic Quantum Boson Field -- 10.Some Recent Developments -- 10.1.The infinite dimensional oscillatory integral -- 10.2.Feynman path integrals for polynomially growing potentials -- 10.3.The semiclassical expansio -- 10.4.Alternative approaches to Feynman path integrals -- 10.4.1.Analytic continuation -- 10.4.2.White noise calculus -- 10.5.Recent applications -- 10.5.1.The Schroedinger equation with magnetic fields -- 10.5.2.The Schroedinger equation with time dependent potentials -- 10.5.3 .hase space Feynman path integrals -- 10.5.4.The stochastic Schroedinger equation -- 10.5.5.The Chern-Simons functional integral -- References of the first edition -- References of the second edition -- Analytic index -- List of Notations.</p>
Sommario/riassunto	<p>Feynman path integrals, suggested heuristically by Feynman in the 40s, have become the basis of much of contemporary physics, from non-relativistic quantum mechanics to quantum fields, including gauge fields, gravitation, cosmology. Recently ideas based on Feynman path integrals have also played an important role in areas of mathematics like low-dimensional topology and differential geometry, algebraic geometry, infinite-dimensional analysis and geometry, and number theory. The 2nd edition of LNM 523 is based on the two first authors' mathematical approach of this theory presented in its 1st edition in 1976. To take care of the many developments since then, an entire new chapter on the current forefront of research has been added. Except for this new chapter and the correction of a few misprints, the basic material and presentation of the first edition has been maintained. At the end of each chapter the reader will also find notes with further bibliographical information.</p>