

1.	Record Nr.	UNINA990001147340403321
	Autore	Dieck-Kamps-Puppe
	Titolo	Homotopietheorie / von Dieck,Kamps Puppe
	Pubbl/distr/stampa	Berlin : Springer-Verlag, 1970
	Collana	Lecture Notes in Mathematics
	Locazione	MA1
	Collocazione	C-20-(157
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	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	157esimo vol.
2.	Record Nr.	UNINA9910451633103321
	Titolo	Comite de Expertos de la OMS en Farmacodependencia [[electronic resource]] : 34o informe
	Pubbl/distr/stampa	Ginebra, : Organizacion Mundial de la Salud, 2007
	ISBN	1-281-30761-0 9786611307615 92-4-068259-7
	Descrizione fisica	1 online resource (36 p.)
	Collana	OMS, Serie de informes tecnicos ; ; 942
	Soggetti	Psychotropic drugs Psychotropic drugs - Physiological effect Psychopharmacology Drug control Health services administration Electronic books.
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3. Record Nr.	UNINA9910300407003321
Autore	Hong Soon-Tae
Titolo	BRST Symmetry and de Rham Cohomology / / by Soon-Tae Hong
Pubbl/distr/stampa	Dordrecht : , : Springer Netherlands : , : Imprint : Springer, , 2015
ISBN	94-017-9750-1
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (205 p.)
Disciplina	530 530.14 530.15 539.7092 539.72
Soggetti	Quantum field theory String models Particles (Nuclear physics) Mathematical physics Physics Nuclear physics Heavy ions Quantum Field Theories, String Theory Elementary Particles, Quantum Field Theory Mathematical Physics Mathematical Methods in Physics Nuclear Physics, Heavy Ions, Hadrons
Lingua di pubblicazione	Inglese
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Note generali	Description based upon print version of record.
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Nota di contenuto	Preface -- 1. Introduction -- 2. Hamiltonian quantization with constraints -- 3. BRST symmetry in constrained systems -- 4. Symplectic embedding and Hamilton-Jacobi quantization -- 5. Hamiltonian quantization and BRST symmetry of soliton models -- 6.

Hamiltonian quantization and BRST symmetry of Skyrmion models -- 7.
Hamiltonian structure of other models -- 8. Phenomenological soliton
-- 9. De Rham cohomology in constrained physical system --
Appendix.

Sommario/riassunto

This book provides an advanced introduction to extended theories of quantum field theory and algebraic topology, including Hamiltonian quantization associated with some geometrical constraints, symplectic embedding and Hamilton-Jacobi quantization and Becci-Rouet-Stora-Tyutin (BRST) symmetry, as well as de Rham cohomology. It offers a critical overview of the research in this area and unifies the existing literature, employing a consistent notation. Although the results presented apply in principle to all alternative quantization schemes, special emphasis is placed on the BRST quantization for constrained physical systems and its corresponding de Rham cohomology group structure. These were studied by theoretical physicists from the early 1960s and appeared in attempts to quantize rigorously some physical theories such as solitons and other models subject to geometrical constraints. In particular, phenomenological soliton theories such as Skyrmion and chiral bag models have seen a revival following experimental data from the SAMPLE and HAPPEX Collaborations, and these are discussed. The book describes how these model predictions were shown to include rigorous treatments of geometrical constraints because these constraints affect the predictions themselves. The application of the BRST symmetry to the de Rham cohomology contributes to a deep understanding of Hilbert space of constrained physical theories. Aimed at graduate-level students in quantum field theory, the book will also serve as a useful reference for those working in the field. An extensive bibliography guides the reader towards the source literature on particular topics.
