

1. Record Nr.	UNISA996393019203316
Autore	Mingzeis Alexander
Titolo	A confvtation of the new Presbyterian error [[electronic resource]] : Shewing not onely how neere our late Presbyterians come to the Anabaptists, in restrayning the Supper of the Lord from the people, by way of examination, as they doe children from the sacrament of baptisme, by way of confession; but also how they agree with Papists in auricular confession: and that their practise is sacriligious, new, usurped, and tyrannicall. By Alexander Mingzeis, minister of Gods word
Pubbl/distr/stampa	[London, : s.n.], Printed in the yeere 1648
Descrizione fisica	23, [1] p
Soggetti	Presbyterians Anabaptists Baptism Lord's Supper
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Place of publication from Wing. Annotation on Thomason copy: "July. 19". Reproduction of the original in the British Library.
Sommario/riassunto	eebo-0018

2. Record Nr.	UNINA9910739479203321
Autore	Knechtli Francesco
Titolo	Lattice Quantum Chromodynamics : Practical Essentials // by Francesco Knechtli, Michael Günther, Michael Peardon
Pubbl/distr/stampa	Dordrecht : , : Springer Netherlands : , : Imprint : Springer, , 2017
ISBN	94-024-0999-8
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (XIII, 140 p. 12 illus., 1 illus. in color.)
Collana	SpringerBriefs in Physics, , 2191-5423
Disciplina	530.143
Soggetti	Quantum field theory String models Particles (Nuclear physics) Artificial intelligence Mathematical physics Quantum Field Theories, String Theory Elementary Particles, Quantum Field Theory Artificial Intelligence Mathematical Physics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Quantum Field Theory (QFT) on the Lattice -- A brief history of quarks and gluons -- Classical fields and gauge invariance -- Hamiltonian and path integral formulations of quantum mechanics -- Quantum fields on a lattice -- Recovering continuum QCD -- Further reading -- Monte Carlo methods -- Markov chain Monte Carlo -- Sampling Yang–Mills gauge fields -- Hybrid Monte Carlo -- Symplectic integration schemes -- Summary and Further reading -- Handling fermions on the lattice -- Wick contractions -- Sparse Linear Algebra -- Fermion determinant -- HMC with fermions revisited -- The quark propagator from a point source -- All-to-all quark propagators -- Summary and Further reading -- Calculating observables of quantum fields -- Symmetry properties of creation and annihilation operators -- Techniques for hadron spectroscopy -- Gluons, Wilson Loops and glueballs -- Quarks and hadron physics -- Statistical data analysis -- Summary -- A Notational conventions -- A.1 SU(N) notation -- A.2 Fermions -- A.3

Sommario/riassunto

This book provides an overview of the techniques central to lattice quantum chromodynamics, including modern developments. The book has four chapters. The first chapter explains the formulation of quarks and gluons on a Euclidean lattice. The second chapter introduces Monte Carlo methods and details the numerical algorithms to simulate lattice gauge fields. Chapter three explains the mathematical and numerical techniques needed to study quark fields and the computation of quark propagators. The fourth chapter is devoted to the physical observables constructed from lattice fields and explains how to measure them in simulations. The book is aimed at enabling graduate students who are new to the field to carry out explicitly the first steps and prepare them for research in lattice QCD.
