

1. Record Nr.	UNINA9910458939003321
Autore	Helfffer Bernard
Titolo	Semiclassical analysis, Witten Laplacians, and statistical mechanics [[electronic resource] /] / Bernard Helffer
Pubbl/distr/stampa	River Edge, NJ, : World Scientific, c2002
ISBN	981-277-689-3
Descrizione fisica	1 online resource (190 p.)
Collana	Series on partial differential equations and applications ; ; v. 1
Disciplina	530.13
Soggetti	Statistical mechanics Electronic books.
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 (p. 169-176) and index.
Nota di contenuto	Contents ; Preface ; Chapter 1 Introduction ; 1.1 Laplace integrals ; 1.2 The problems in statistical mechanics ; 1.3 Semi-classical analysis and transfer operators ; 1.4 About the contents ; Chapter 2 Witten Laplacians approach ; 2.1 De Rham Complex ; 2.2 Witten Complex 2.3 Witten Laplacians 2.4 Semi-classical considerations ; 2.5 An alternative point of view : Dirichlet forms ; 2.6 A nice formula for the covariance ; 2.7 Notes ; Chapter 3 Problems in statistical mechanics with discrete spins ; 3.1 The Curie-Weiss model ; 3.2 The 1-d Ising model 3.3 The 2-d Ising model 3.4 Notes ; Chapter 4 Laplace integrals and transfer operators ; 4.1 Introduction ; 4.2 Classical Laplace method ; 4.2.1 Standard results ; 4.2.2 Transition between the convex case and the double well case ; 4.3 The method of transfer operators 4.4 Elementary properties of operators with integral kernels 4.5 Elementary properties of the transfer operator ; 4.6 Operators with strictly positive kernel and application ; 4.7 Thermodynamic limit ; 4.8 Mean value

; 4.9 Pair correlation ; 4.10 2-dimensional lattices
; 4.11 Notes
Chapter 5 Semi-classical analysis for the transfer operators
5.1 Introduction ; 5.2 Explicit computations for the
harmonic Kac operator ; 5.3
Harmonic approximation for the transfer operator
; 5.4 WKB constructions for the transfer operator
5.5 The case of the Schrodinger operator in dimension 1

Sommario/riassunto

This important book explains how the technique of Witten Laplacians may be useful in statistical mechanics. It considers the problem of analyzing the decay of correlations, after presenting its origin in statistical mechanics. In addition, it compares the Witten Laplacian approach with other techniques, such as the transfer matrix approach and its semiclassical analysis. The author concludes by providing a complete proof of the uniform Log-Sobolev inequality.

<i>Contents:</i>Witten Laplacians ApproachProblems in Statistical Mechanics with Discrete SpinsLaplace In

2. Record Nr.

UNISA996392617003316

Autore

T. W (Thomas Woodrove)

Titolo

A brief relation of the state of man before transgression [[electronic resource]] : shewing how man transgressed and lost his unity with God and what the state of man is in the transgression and restored into unity with God again : also, the state of the true Christians, with the state of the apostates discovered ... : with a word to the gathered people in Melcombe, who are in a society with George Thorne, falsly called a minister : together with some queries propounded unto him with desire of an answer : as also coppies of two several letters written unto him / / published by T.W

Pubbl/distr/stampa

London, : Printed for Thomas Simmons, 1659

Descrizione fisica

38, [1] p

Soggetti

Society of Friends
Fall of man

Lingua di pubblicazione

Inglese

Formato

Materiale a stampa

Livello bibliografico	Monografia
Note generali	"A true relation of the state of the true Christians" signed (p. 13): Thomas Woodrowe. Imperfect: print show-through. Reproduction of original in the British Library.
Sommario/riassunto	eebo-0062

3. Record Nr.	UNIORUON00065088
Autore	ANANTAMURTI, U. R.
Titolo	Avastha / U. R. Anantamurti ; anuvadaka Bhalachandra Jayashetti
Pubbl/distr/stampa	Nai Dilli, : Radhakrishna Prakashana, 1980
Descrizione fisica	200 p. ; 18 cm
Classificazione	SI VI CD
Lingua di pubblicazione	Hindi
Formato	Materiale a stampa
Livello bibliografico	Monografia