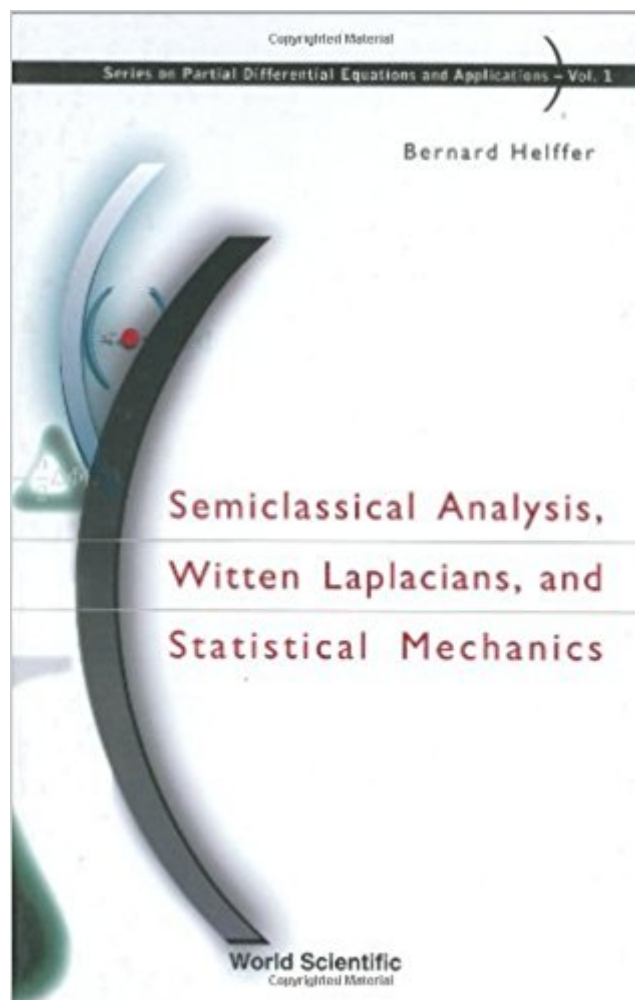




Ebook Directory
the best source of ebook

The book was found

Semiclassical Analysis, Witten Laplacian (Series On Partial Differential Equations And Applications)



Synopsis

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.

Book Information

Series: Series on Partial Differential Equations and Applications (Book 1)

Hardcover: 192 pages

Publisher: World Scientific Publishing Company; Volume 1 ed. edition (September 11, 2002)

Language: English

ISBN-10: 9812380981

ISBN-13: 978-9812380982

Product Dimensions: 6.3 x 0.6 x 9.3 inches

Shipping Weight: 14.1 ounces

Average Customer Review: Be the first to review this item

Best Sellers Rank: #684,907 in Books (See Top 100 in Books) #158 in [Books > Science & Math > Mathematics > Reference](#) #460 in [Books > Science & Math > Physics > Mathematical Physics](#) #569 in [Books > Science & Math > Mathematics > Mathematical Analysis](#)

Customer Reviews

...the book should be recommended to everyone interested in problems related to partial differential equations and statistical mechanics -- [Mathematical Reviews, 2003](#)Written by the hand of a master … -- [Zentralblatt MATH](#)

Bernard Helffer is a professor at the University Paris-Sud, Paris. He is specializing in semi-classical analysis and its applications in statistical physics. He has published over 150 papers in major journals.

[Download to continue reading...](#)

Semiclassical Analysis, Witten Laplacian (Series on Partial Differential Equations and Applications) Applied Partial Differential Equations with Fourier Series and Boundary Value Problems (5th Edition) (Featured Titles for Partial Differential Equations) Spectral Geometry of the Laplacian:

Spectral Analysis and Differential Geometry of the Laplacian Numerical Partial Differential Equations: Conservation Laws and Elliptic Equations (Texts in Applied Mathematics) (v. 33) Partial Differential Equations of Mathematical Physics and Integral Equations (Dover Books on Mathematics) Differential Equations and Boundary Value Problems: Computing and Modeling (5th Edition) (Edwards/Penney/Calvis Differential Equations) [Differential Equations, Dynamical Systems, and an Introduction to Chaos [DIFFERENTIAL EQUATIONS, DYNAMICAL SYSTEMS, AND AN INTRODUCTION TO CHAOS BY Hirsch, Morris W. (Author) Mar-26-2012] By Hirsch, Morris W. (Author) [2012) [Paperback] Student's Solutions Manual for Fundamentals of Differential Equations 8e and Fundamentals of Differential Equations and Boundary Value Problems 6e Differential Equations: Computing and Modeling (5th Edition) (Edwards/Penney/Calvis Differential Equations) Fundamentals of Differential Equations (8th Edition) (Featured Titles for Differential Equations) Student Solutions Manual to accompany Boyce Elementary Differential Equations 10e & Elementary Differential Equations with Boundary Value Problems 10e Functional Analysis, Sobolev Spaces and Partial Differential Equations (Universitext) Applied Partial Differential Equations: With Fourier Series and Boundary Value Problems, 4th Edition Numerical Solution of Partial Differential Equations: Finite Difference Methods (Oxford Applied Mathematics and Computing Science Series) Partial Differential Equations with Fourier Series and Boundary Value Problems (2nd Edition) Finite Difference Methods for Ordinary and Partial Differential Equations: Steady-State and Time-Dependent Problems (Classics in Applied Mathematics) Monotone Operators in Banach Space and Nonlinear Partial Differential Equations (Mathematical Surveys and Monographs) Boundary Value Problems, Sixth Edition: and Partial Differential Equations Partial Differential Equations for Scientists and Engineers (Dover Books on Mathematics) Boundary Value Problems: and Partial Differential Equations

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)