1. Record Nr. UNISALENTO991004026009707536

Titolo	Probleme der Edition althochdeutscher Texte / herausgegeben von Rolf Bergmann
Pubbl/distr/stampa	Gottingen : Vandenhoeck & Ruprecht, 1993
ISBN	3525203349
Descrizione fisica	175 p. : ill. ; 24 cm
Collana	Studien zum Althochdeutschen ; 19
Altri autori (Persone)	Bergmann, Rolfauthor
Disciplina	801.959
Soggetti	Letteratura tedesca - Medioevo - Critica del testo
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910139141603321

Autore	Kopietz Peter <1961->
Titolo	Introduction to the functional renormalization group / / P. Kopietz, L. Bartosch, F. Schutz
Pubbl/distr/stampa	New York, : Springer, 2009
ISBN	9783642050947 3642050948
Edizione	[1st ed. 2010.]
Descrizione fisica	1 online resource (XII, 380 p. 68 illus.)
Collana	Lecture notes in physics, , 0075-8450 ; ; 798
Altri autori (Persone)	BartoschL SchutzF
Disciplina	515/.7
Soggetti	Renormalization group Integration, Functional
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Nota di bibliografia	Includes bibliographical references and index.

Nota di contenuto	pt. 1. Foundations of the renormalization group -- pt. 2. Introduction to the functional renormalization group -- pt. 3. Functional renormalization group approach to fermions.
Sommario/riassunto	This book, based on a graduate course given by the authors, is a pedagogic and self-contained introduction to the renormalization group with special emphasis on the functional renormalization group. The functional renormalization group is a modern formulation of the Wilsonian renormalization group in terms of formally exact functional differential equations for generating functionals. In Part I the reader is introduced to the basic concepts of the renormalization group idea, requiring only basic knowledge of equilibrium statistical mechanics. More advanced methods, such as diagrammatic perturbation theory, are introduced step by step. Part II then gives a self-contained introduction to the functional renormalization group. After a careful definition of various types of generating functionals, the renormalization group flow equations for these functionals are derived. This procedure is shown to encompass the traditional method of the mode elimination steps of the Wilsonian renormalization group procedure. Then, approximate solutions of these flow equations using expansions in powers of irreducible vertices or in powers of derivatives are given. Finally, in Part III the exact hierarchy of functional renormalization group flow equations for the irreducible vertices is used to study various aspects of non-relativistic fermions, including the so-called BCS-BEC crossover, thereby making the link to contemporary research topics.