

1. Record Nr.	UNINA9910783722403321
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Titolo	Fractional statistics and quantum theory [[electronic resource] /] / Avinash Khare
Pubbl/distr/stampa	Singapore ; ; River Edge, N.J., : World Scientific, 2005
ISBN	1-281-37251-X 9786611372514 981-256-775-5
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (316 p.)
Disciplina	530.12
Soggetti	Anyons - Statistical methods Quantum theory Quantum statistics
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 and index.
Nota di contenuto	Preface to the Second Edition; Preface; Contents; Chapter 1 Introduction; Chapter 2 Fractional Statistics in Two Dimensions; Chapter 3 Quantum Mechanics of Anyons; Chapter 4 Statistical Mechanics of an Ideal Anyon Gas; Chapter 5 Fractional Exclusion Statistics; Chapter 6 Introduction to the Chern-Simons Term; Chapter 7 Soliton as Anyon in Field Theories; Chapter 8 Anyons as Elementary Field Quanta; Chapter 9 Anyon Superconductivity; Chapter 10 Quantum Hall Effect and Anyons; Chapter 11 Omitted Topics; Index
Sommario/riassunto	This book explains the subtleties of quantum statistical mechanics in lower dimensions and their possible ramifications in quantum theory. The discussion is at a pedagogical level and is addressed to both graduate students and advanced researchers with a reasonable background in quantum and statistical mechanics. Topics in the first part of the book include the flux tube model of anyons, the braid group and a detailed discussion about the various aspects of quantum and statistical mechanics of a noninteracting anyon gas. The second part of the book includes a detailed discussion