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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

