

1. Record Nr.	UNINA9910983480603321
Autore	Jauslin Ian
Titolo	An Introduction to Lieb's Simplified Approach to the Bose Gas // by Ian Jauslin
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
ISBN	9783031813931 3031813936
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (XI, 104 p. 5 illus., 4 illus. in color.)
Collana	SpringerBriefs in Physics, , 2191-5431
Disciplina	530.12
Soggetti	Bose-Einstein condensation Mathematical physics Statistical physics Differential equations Bose-Einstein Condensate Mathematical Physics Statistical Physics Differential Equations
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Bose Einstein condensation -- Knowns and unknowns of the interacting Bose gas -- Definition of the Simplified approach -- Existence and uniqueness of solutions of the Simple Equation -- Predictions of the Simple Equation -- Numerical computation of the solution to the Big and Medium equations -- Open problems.
Sommario/riassunto	This book explores Lieb's Simplified approach to the ground state of systems of interacting bosons. While extensive research has delved into the behavior of interacting bosons, persistent challenges, such as proving Bose-Einstein condensation, remain. Introduced by Lieb in 1963, the Simplified approach has been the object of renewed attention in recent years, revealing surprising and promising results. Notably, this approach provides ground state energy predictions that agree with many-body systems asymptotically at both low and high densities. It further predicts a condensate fraction and correlation function that agree with Bogolyubov theory at low densities, and numerical

predictions match quantum Monte Carlo simulations across all densities. This suggests that Lieb's Simplified approach could serve as a potent tool for reimagining the study of interacting bosons. The book defines Lieb's Simplified approach, discusses its predictions, and presents known analytical and numerical results. It is designed for advanced students and young researchers working in the fields of mathematical physics, quantum many-body physics and Bose-Einstein condensates.

2. Record Nr.	UNINA9910972429203321
Autore	Cypher James M
Titolo	Mexico's economic dilemma : the developmental failure of neoliberalism : a contemporary case study of the globalization process // James M. Cypher and Raul Delgado Wise
Pubbl/distr/stampa	Lanham, : Rowman & Littlefield, c2010
ISBN	979-82-16-27258-8 1-282-60762-6 9786612607622 0-7425-6848-2
Edizione	[1st ed.]
Descrizione fisica	1 online resource (237 p.)
Collana	Critical currents in Latin American perspective
Altri autori (Persone)	Delgado WiseRaul <1950->
Disciplina	330.972
Soggetti	Neoliberalism - Mexico Mexico Economic policy 21st century Mexico Economic conditions 21st century Mexico Foreign economic relations United States United States Foreign economic relations Mexico
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	Mexico's socioeconomic structure and the current crisis -- The political economy of Mexico's export-led model -- Nafta: U.S. restructuring, Mexican realignment -- The maquiladora sector: building block of Mexico's export-led model -- The disguised maquila sector and beyond -- The direct exportation of Mexican labor -- The international

political economy of capital restructuring.

Sommario/riassunto

Written by two leading scholars, this book provides a detailed analysis of Mexico's political economy. James M. Cypher and Raul Delgado Wise begin with an examination of Mexico's pivotal economic crisis of the 1980's and the consequent turn toward an export-led economy, later anchored by NAFTA. They show how Mexico, after abandoning frequently successful past practices of state-led development, disastrously tied its future to an unconditional reliance on foreign corporations to promote an export-led growth strategy. This strategy, they convincingly argue, has resulted in a fragmented economy
