

1. Record Nr.	UNINA9910784780403321
Autore	Salmon Rick
Titolo	Lectures on geophysical fluid dynamics [[electronic resource] /] / Rick Salmon
Pubbl/distr/stampa	New York, : Oxford University Press, 1998
ISBN	0-19-756103-9 1-280-52905-9 9786610529056 0-19-535532-6 1-4294-0436-1
Descrizione fisica	1 online resource (393 p.)
Collana	Oxford scholarship online
Disciplina	550/.1/532
Soggetti	Fluid dynamics Geophysics Oceanography
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Previously issued in print: 1998.
Nota di bibliografia	Includes bibliographical references (p. 363-372) and index.
Nota di contenuto	Contents; 1 Fundamentals; 2 Introduction to Geophysical Fluid Dynamics; 3 Noninertial Theory of Ocean Circulation; 4 Vorticity and Turbulence; 5 Statistical Fluid Dynamics; 6 Geostrophic Turbulence; 7 Hamiltonian Fluid Dynamics; References; Index
Sommario/riassunto	'Lectures on Geophysical Fluid Dynamics' offers an introduction to several topics in geophysical fluid dynamics, including the theory of large-scale ocean circulation, geostrophic turbulence, and Hamiltonian fluid dynamics. Since each chapter is a self-contained introduction to its particular topic, the book will be useful to students and researchers in diverse scientific fields.