

1. Record Nr.	UNINA9910299972603321
Autore	Andersen Timothy D
Titolo	Introduction to Vortex Filaments in Equilibrium // by Timothy D. Andersen, Chjan C. Lim
Pubbl/distr/stampa	New York, NY : , : Springer New York : , : Imprint : Springer, , 2014
ISBN	1-4939-1938-5
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (146 p.)
Collana	Springer Monographs in Mathematics, , 2196-9922
Disciplina	531.1133
Soggetti	Mathematics - Data processing Mathematical physics Continuum mechanics Computational Science and Engineering Theoretical, Mathematical and Computational Physics Continuum Mechanics Mathematical Physics
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	Introduction -- Vortex Filaments and Where to Find Them -- Statistical Mechanics -- Parallel Filaments -- Curved Filaments -- Quantum Fluids -- Plasmas -- Computational Methods -- Quasi 2-D Monte Carlo in Deep Ocean Convection -- Conclusion.
Sommario/riassunto	This book presents fundamental concepts and seminal results to the study of vortex filaments in equilibrium. It also presents new discoveries in quasi-2D vortex structures with applications to geophysical fluid dynamics and magnetohydrodynamics in plasmas. It fills a gap in the vortex statistics literature by simplifying the mathematical introduction to this complex topic, covering numerical methods, and exploring a wide range of applications with numerous examples. The authors have produced an introduction that is clear and easy to read, leading the reader step-by-step into this topical area. Alongside the theoretical concepts and mathematical formulations, interesting applications are discussed. This combination makes the text useful for students and researchers in mathematics and physics.

2. Record Nr.	UNINA9910160308403321
Autore	Parkhurst Johanna
Titolo	Every Inferno
Pubbl/distr/stampa	Harmony Ink Press
ISBN	1-62798-799-1
Descrizione fisica	1 online resource (180 p.) : ill
Soggetti	Arson investigation Detective and mystery stories
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Depressed. Defiant. Possible alcoholic. These are just a few of the terms used to describe fifteen-year-old Jacob Jasper Jones. Lately, though, JJ has a new one to add to the list: detective. He's been having strange dreams about the fire that killed his parents ten years ago, and he thinks he finally has the clue to catching the arsonist who destroyed his family. A murder investigation isn't the only thing the dreams trigger for JJ. They also lead to secret meetings with his estranged sister, an unlikely connection with a doctor who lost his daughter in the fire, and a confusing friendship with McKinley, a classmate of JJ's who seems determined to help him solve the mystery. All JJ wants is to shake the problems that have followed him since that fire, and he's convinced he must catch the arsonist to do it. But as JJ struggles to find the culprit, he sees there's more than one mystery in his life he needs to solve.