

1. Record Nr.	UNINA9910172603703321
Titolo	AIEE standard for semiconductor rectifier components
Pubbl/distr/stampa	New York : , : IEEE, , 1962
ISBN	1-5044-0393-2
Descrizione fisica	1 online resource (31 pages)
Disciplina	621.3815322
Soggetti	Semiconductor rectifiers - Standards Electric current rectifiers - Standards Electric current rectifiers
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Definitions given herein apply specifically to semiconductor components used for rectification or control of electric power, or both. For the purpose of this standard, a semiconductor rectifier component is a semiconductor rectifier cell, rectifier diode, or rectifier stack. Note that the name of the actual semiconductor material (selenium, silicon, etc.) may be substituted in place of the word "semiconductor" in the name of the components. Only those definitions likely to be needed by the user are included.

2. Record Nr.	UNINA9910299972603321
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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.

