

1. Record Nr.	UNIBAS000013670
Autore	Bernstein, Leon
Titolo	The Jacobi-Perron algorithm : its theory and application / Leon Bernstein
Pubbl/distr/stampa	Berlin [etc.] : Springer, 1971
ISBN	3-540-05497-9
Descrizione fisica	IV, 160 p. ; 26 cm.
Collana	Lecture notes in mathematics ; 207
Disciplina	512.74
Soggetti	Numeri - Teoria Numeri reali Algoritmi
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2.	Record Nr.	UNIBAS000019875
	Autore	Bénichou, Paul
	Titolo	Morales du grand siècle / Paul Bénichou
	Pubbl/distr/stampa	Paris : Gallimard, c1948
	ISBN	2-07-032473-7
	Descrizione fisica	313 p. ; 18 cm
	Collana	Folio , Essais ; 99
	Disciplina	840.9
	Soggetti	Letteratura francese - Storia e critica - Sec. 17
	Lingua di pubblicazione	Francese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
3.	Record Nr.	UNINA9910484222103321
	Autore	Kinza Michael
	Titolo	Theory of Fermi-liquids in Metals : A Compact Overview as an Introduction to Theoretical Solid-State Physics / / by Michael Kinza
	Pubbl/distr/stampa	Wiesbaden : , : Springer Fachmedien Wiesbaden : , : Imprint : Springer, , 2021
	ISBN	3-658-32191-1
	Edizione	[1st ed. 2021.]
	Descrizione fisica	1 online resource (IX, 33 p. 3 illus.)
	Collana	Springer essentials, , 2731-3107
	Disciplina	530.41
	Soggetti	Condensed matter Mathematical physics Condensed Matter Physics Theoretical, Mathematical and Computational Physics
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia

Nota di contenuto

Sommerfeld theory of metals -- Landaus theory of fermi liquid --
Microscopic theory of fermi liquid -- Limits of fermi liquid theory.

Sommario/riassunto

This essential offers a compact introduction to the theory of Fermi-liquids for physics students in their main studies. It forms the basis for an understanding of theoretical solid state physics and is part of every introductory lecture on this topic. After a brief overview of the Sommerfeld model of metals, the concept of the quasiparticle is introduced. Important properties characterizing a Fermi liquid are derived in detailed calculations. The essential concludes with an overview of the microscopic theory of a Fermi-liquid. This Springer essential is a translation of the original German 1st edition essentials, *Theorie der Fermiflüssigkeit in Metallen* by Michael Kinza, published by Springer Fachmedien Wiesbaden GmbH, part of Springer Nature in 2018. The translation was done with the help of artificial intelligence (machine translation by the service DeepL.com). A subsequent human revision was done primarily in terms of content, so that the book will read stylistically differently from a conventional translation. Springer Nature works continuously to further the development of tools for the production of books and on the related technologies to support the authors. The content Sommerfeld theory of metals Landau's Fermi-liquid theory Microscopic Fermi-liquid theory Limits of Fermi-liquid theory The target groups Lecturers and students of physics and other natural sciences Physicists as well as natural scientists The Author Dr. Michael Kinza received his Ph.D. in 2013 from RWTH Aachen University in the field of theoretical solid-state physics. Since 2016 he has been working as a high school teacher for the subjects of physics and mathematics.