



3rd ed. 2019, XVII, 248 p. 124 illus., 25 illus. in color.

Printed book

Softcover

22,99 € | £19.99 | \$29.99

^[1]24,60 € (D) | 25,29 € (A) | CHF

27,50

eBook

18,18 € | £15.99 | \$19.99

^[2]18,18 € (D) | 18,18 € (A) | CHF

22,00

Available from your library or
[springer.com/shop](https://www.springer.com/shop)

MyCopy ^[3]

Printed eBook for just

€ | \$ 24.99

[springer.com/mycopy](https://www.springer.com/mycopy)

[Error\[en_EN | Export.Bookseller. MediumType | SE\]](#)

£24.99 | \$24.99

CHF 24,99

Rudolf P. Huebener

Conductors, Semiconductors, Superconductors

An Introduction to Solid-State Physics

Series: Undergraduate Lecture Notes in Physics

- Features updated coverage of topological materials, a rapidly advancing area of solid-state physics
- Describes the key scholars in the field and discusses their historical contexts
- Offers undergraduates a concise yet thorough introduction to the foundations of the field
- Written for students in the fields of physics, materials science, electronic engineering, and general science

This compact undergraduate textbook provides a concise yet thorough introduction to the fundamentals of solid-state physics, while also briefly discussing the historical context surrounding key scholars in the field. The vivid explanations and unique didactic approach adopted in the book aim to generate interest in these subjects while also serving as a motivating primer and supporting companion for studying more detailed and advanced textbooks in solid-state physics. The book is also suitable as a quick refresher for students preparing for examinations. The third edition features many extensions, including an up-to-date discussion of topological materials, a rapidly developing area at the forefront of solid-state physics. Primarily concentrating on the electric and magnetic properties of materials, the book will benefit undergraduate students in the fields of physics, materials science, and electrical engineering.

Order online at [springer.com](https://www.springer.com) / or for the Americas call (toll free) 1-800-SPRINGER / or email us at: customerservice@springernature.com. / For outside the Americas call +49 (0) 6221-345-4301 / or email us at: customerservice@springernature.com.

The first € price and the £ and \$ price are net prices, subject to local VAT. Prices indicated with [1] include VAT for books; the €(D) includes 7% for Germany, the €(A) includes 10% for Austria. Prices indicated with [2] include VAT for electronic products; 19% for Germany, 20% for Austria. All prices exclusive of carriage charges. Prices and other details are subject to change without notice. All errors and omissions excepted. [3] No discount for MyCopy.

