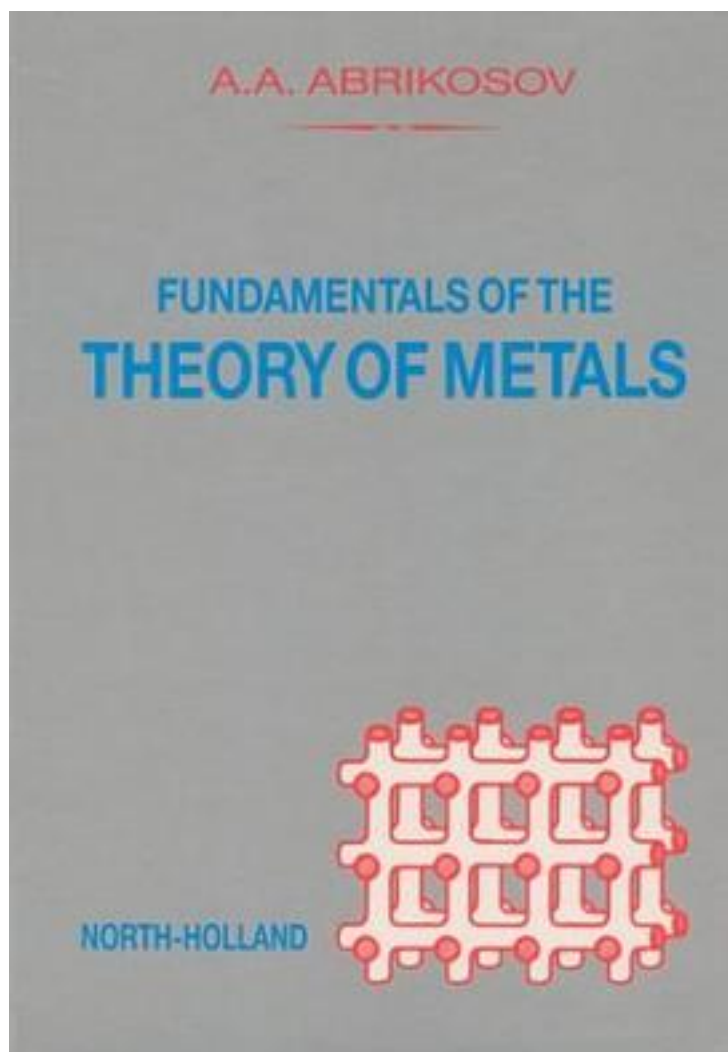


# Fundamentals of the Theory of Metals



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著者:A. A. Abrikosov

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Hardbound. ``Fundamentals of the Theory of Metals'' has grown out of courses and lectures given by the author over a period of years. Part I is devoted to normal metals and is basically a thoroughly revised version of the author's book ``An Introduction to the Theory of Normal Metals'', originally published in Russian in 1972. It covers the electronic spectra of metals, electrical and thermal conductivities, galvanomagnetic and thermoelectrical phenomena, the behaviour of metals in high-frequency fields, sound absorption and Fermi-liquid phenomena. Part I also deals with the present-day concept of the energy spectra of electrons in metals and with methods that make it possible to study the behaviour of metals in dc and ac fields.

Part II is concerned with the theory of superconductivity and offers a detailed description of two fundamental methods: the microscopic theory based on the Bogoliubov method and the Ginzburg-Landau theory, which allows the

作者介绍:

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标签

物理

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评论

一本风格有点old-school的书，不研究这个领域的看起来感觉费力不讨好。

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