



The Physics of Superconductors: Introduction to Fundamentals and Applications

By *V.V. Schmidt*

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The original Russian edition is based on a lecture course given by the author and provides a modern treatment of the physics of superconductors with special attention paid to the physical interpretation of the phenomena. This revised English translation has been enlarged by the inclusion of such new developments as High Temperature Superconductivity, and, as such, is the most up-to-date textbook on the subject available.

The editor, Paul Müller, is himself a winner of the Walter Schottky Award for Solid State Research.

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Editorial Review

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From the Back Cover

This modern introduction to the physics of superconductors was edited by Paul Müller, (Walter Schottky Award for Solid-state Research) and Alexey V. Ustinov, both at the University of Erlangen. The revised and enlarged text is based on a lecture course given by V. V. Schmidt at the Moscow Institute of Steel and Alloys. It provides a modern treatment of the physics of superconductors with special attention paid to the physical interpretation of the phenomena. This English edition has been enlarged by the inclusion of such new developments as high-temperature superconductivity, and, as such, is the most up-to-date textbook available on the subject. Numerous problems with solutions help the student to become familiar with this field.

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