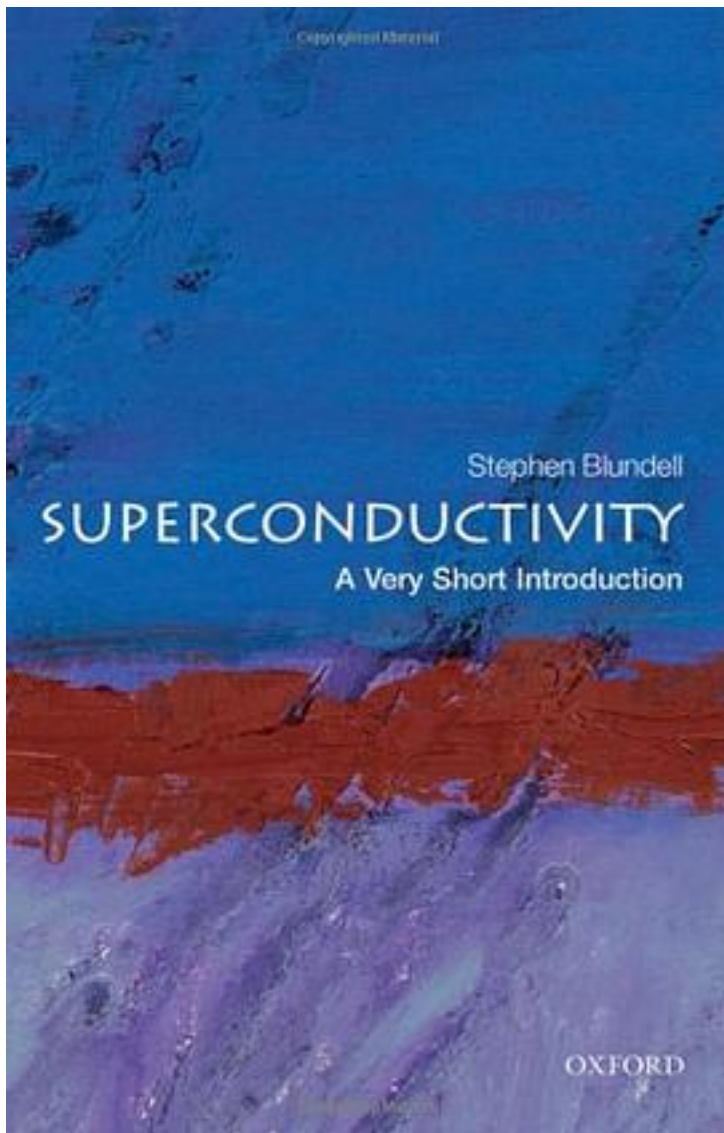


Superconductivity



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This is the second English edition of what has become one of the definitive works on superconductivity in German -- currently in its sixth edition.

Comprehensive and easy to understand, this introductory text is written especially with the non-specialist in mind. The authors, both long-term experts in this field, present the fundamental considerations without the need for extensive mathematics, describing the various phenomena connected with the superconducting state, with liberal insertion of experimental facts and examples for modern applications.

While all fields of superconducting phenomena are dealt with in detail, this new edition pays particular attention to the groundbreaking discovery of magnesium diboride and the current developments in this field. In addition, a new chapter provides an overview of the elements, alloys and compounds where superconductivity has been observed in experiments, together with their major characteristics. The chapter on technical applications has been considerably expanded to accommodate microelectronics, while the key aspects of critical currents as well as Josephson junctions now each have their own chapter.

A 'must-have' for students and graduates.

作者介绍:

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