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Nota di contenuto	Frontmatter -- Inhalt -- 1. Grundlagen der Festkörperphysik -- 2. Kristallstrukturen -- 3. Fehlordnung in Kristallen -- 4. Oberflächen -- 5. Magnetismus -- 6. Supraleitung -- 7. Halbleiter -- 8. Materialien der Optoelektronik - Grundlagen und Anwendungen -- 9. Werkstoffe -- Backmatter
Sommario/riassunto	Solid-State Physics provides extensive coverage- like no other book- of the whole spectrum of solid-state physics, from crystals and surfaces through semiconductors and magnetism and right up to superconductivity. Experts in the fields present the basic principles right through to applications incorporating the latest discoveries. Key Features extensive discussion of all theoretical and application-oriented problems in solid-state physics suitable as intensive preparation for exams extensive literature list in each chapter's appendix