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| 1. Record Nr.           | UNIBAS000008258   |
| Titolo                  | Matera 55 : radiografia di una città del Sud tra antico e moderno / R. Musatti, F. Friedman, G. Isnardi, F. Nitti, T. Tentori |
| Pubbl/distr/stampa      | Matera : Giannatelli, stampa 1996   |
| Descrizione fisica      | 317 p. : ill. ; 24 cm.  |
| Disciplina              | 945.772   |
| Soggetti                | Matera Studi  |
| Lingua di pubblicazione | Italiano  |
| Formato                 | Materiale a stampa  |
| Livello bibliografico   | Monografia  |
| Note generali           | Scritti già stampati nel 1956<br>Studio su Matera promosso dall' UNRRA-Casas  |
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| 2. Record Nr.           | UNINA9910777614503321   |
| Autore                  | Girifalco L. A (Louis A.)   |
| Titolo                  | Statistical mechanics of solids [[electronic resource] /] / Louis A. Girifalco    |
| Pubbl/distr/stampa      | Oxford ; ; New York, : Oxford University Press, 2000                              |
| ISBN                    | 0-19-773265-8<br>1-280-52982-2<br>9786610529827<br>0-19-802811-3<br>1-4294-0376-4 |
| Descrizione fisica      | 1 online resource (536 p.)  |
| Collana                 | Monographs on the physics and chemistry of materials ; ; 58                       |
| Disciplina              | 530.4/1   |
| Soggetti                | Solids - Mathematical models<br>Statistical mechanics                             |
| Lingua di pubblicazione | Inglese   |
| Formato                 | Materiale a stampa  |
| Livello bibliografico   | Monografia  |
| Note generali           | Description based upon print version of record.                                   |
| Nota di bibliografia    | Includes bibliographical references (p. 505-508) and index.                       |

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Nota di contenuto

Contents; 1 The Basics of Thermodynamics; 2 Principles of Statistical Mechanics; 3 Particle Statistics; 4 The Harmonic Crystal; 5 Anharmonic Properties and the Equation of State; 6 Free Electron Theory in Metals and Semiconductors; 7 Statistical-Kinetic Theory of Electron Transport; 8 Order-Disorder Alloys; 9 Magnetic Order; 10 Phase Equilibria; 11 Critical Exponents and the Renormalization Group; 12 Surfaces and Interfaces; 13 The Theory of Random Flight; 14 Linear Polymer Chains; 15 Vacancies and Interstitials in Monatomic Crystals; 16 Point Defects in Dilute Alloys  
17 Diffusion in Simple Crystals  
Appendix 1 Combinatorial Problems in Statistical Mechanics; Appendix 2 The Method of Undetermined Multipliers; Appendix 3 Stirling's Approximation; Appendix 4 Sums and Integrals; Appendix 5 Fermi Integrals; Appendix 6 Kirkwood's Second Moment; Appendix 7 The Generalized Lattice Gas; Appendix 8 Dyadics and Crystal Symmetry; Additional Readings; Index

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Sommario/riassunto

Suitable for use as an advanced text, this monograph presents the statistical mechanics of solids from the perspective of the material properties of the solid state.

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