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Solid-state physics is the study of rigid matter, or solids, through methods such as quantum mechanics, crystallography, electromagnetism, and metallurgy.It is the largest branch of condensed matter physics.Solid-state physics studies how the large-scale properties of solid materials result from their atomic-scale properties.Thus, solid-state physics forms a theoretical basis of materials science.

Solid-state physics - Wikipedia

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PDF 2016 - ISBN : 9814267899 - Understanding Solid State ...

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The problems in this book can be used as homework assignments in an introductory or advanced course on solid state physics for undergraduate or graduate students.It can also serve as a desirable reference book to solve typical problems and grasp mathematical techniques in solid state physics.

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