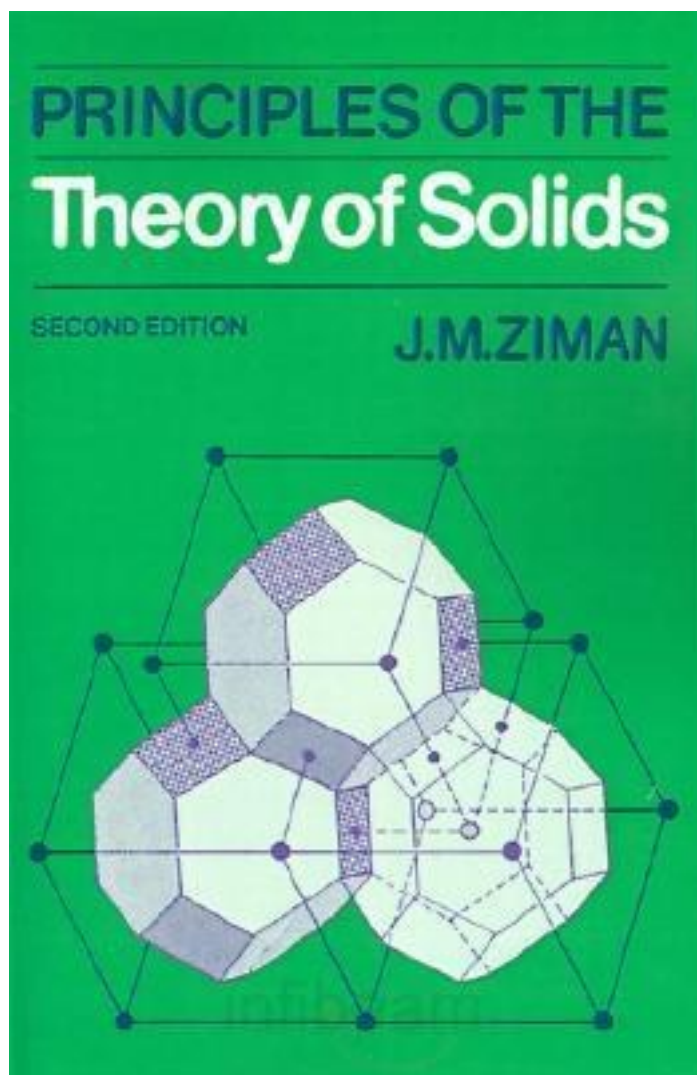


Principles of the Theory of Solids



[Principles of the Theory of Solids 下载链接1](#)

著者:Ziman, J. M.

出版者:Cambridge Univ Press

出版时间:1979-11-30

装帧:Pap

isbn:9780521297332

Professor Ziman's classic textbook on the theory of solids was first pulished in 1964. This paperback edition is a reprint of the second edition, which was substantially revised and enlarged in 1972. The value and popularity of this textbook is well attested by reviewers' opinions and by the existence of several foreign language editions, including German, Italian, Spanish, Japanese, Polish and Russian. The book gives a clear exposition of the elements of the physics of perfect crystalline solids. In discussing the principles, the author aims to give students an appreciation of the conditions which are necessary for the appearance of the various phenomena. A self-contained mathematical account is given of the simplest model that will demonstrate each principle. A grounding in quantum mechanics and knowledge of elementary facts about solids is assumed. This is therefore a textbook for advanced undergraduates and is also appropriate for graduate courses.

作者介绍:

目录:

[Principles of the Theory of Solids_ 下载链接1](#)

标签

固体物理

物理

凝聚态物理

SolidStatePhysics

科学和心理学

基础理论物理

凝聚态理论

凝聚态7

评论

不可多得的物理书 不适合初学 需要较多经验才能体会其物理思想 至少需要读两遍

a classic.

[Principles of the Theory of Solids_ 下载链接1](#)

书评

这本书的书评其实很多，没有一个不说是经典的。惊奇的发现douban上还没有。也许是圈子的缘故，特转我以前写的一段blog以抛砖引玉。-----
WEST手上有三本，第一本是读研时一位老前辈赠送的（那时，他手上有多余的。看来很多人手上都不只一本）。...

[Principles of the Theory of Solids_ 下载链接1](#)