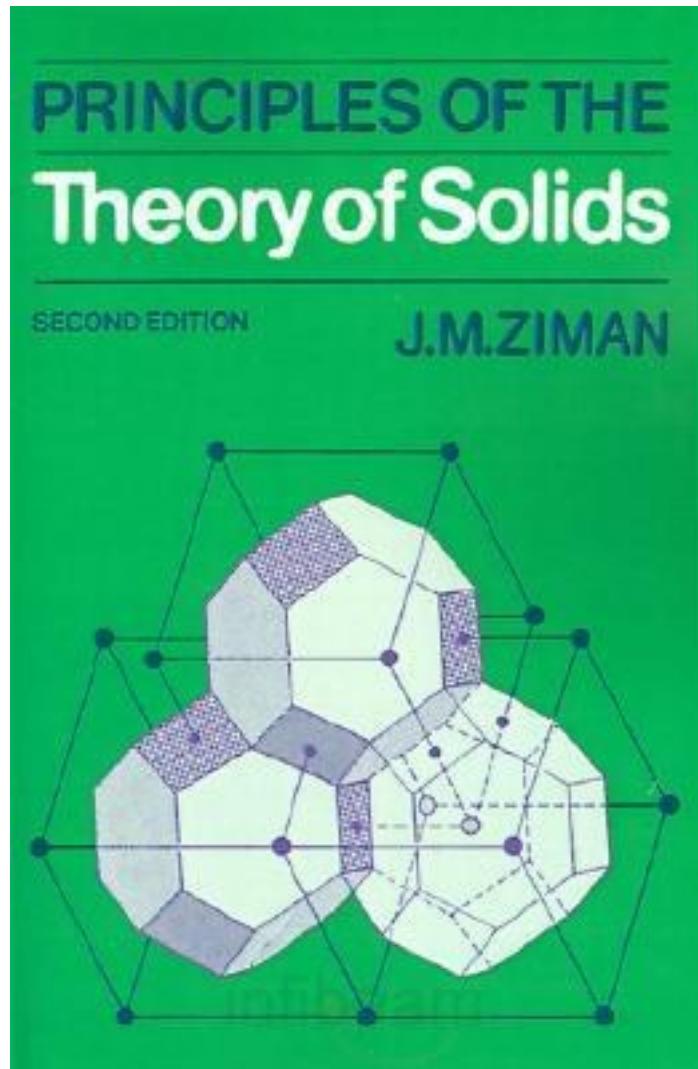


# Principles of the Theory of Solids



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著者:Ziman, J. M.

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Professor Ziman's classic textbook on the theory of solids was first published 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:

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**标签**

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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

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a classic.

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## 书评

这本书的书评其实很多，没有一个不说这是经典的。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）。...

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