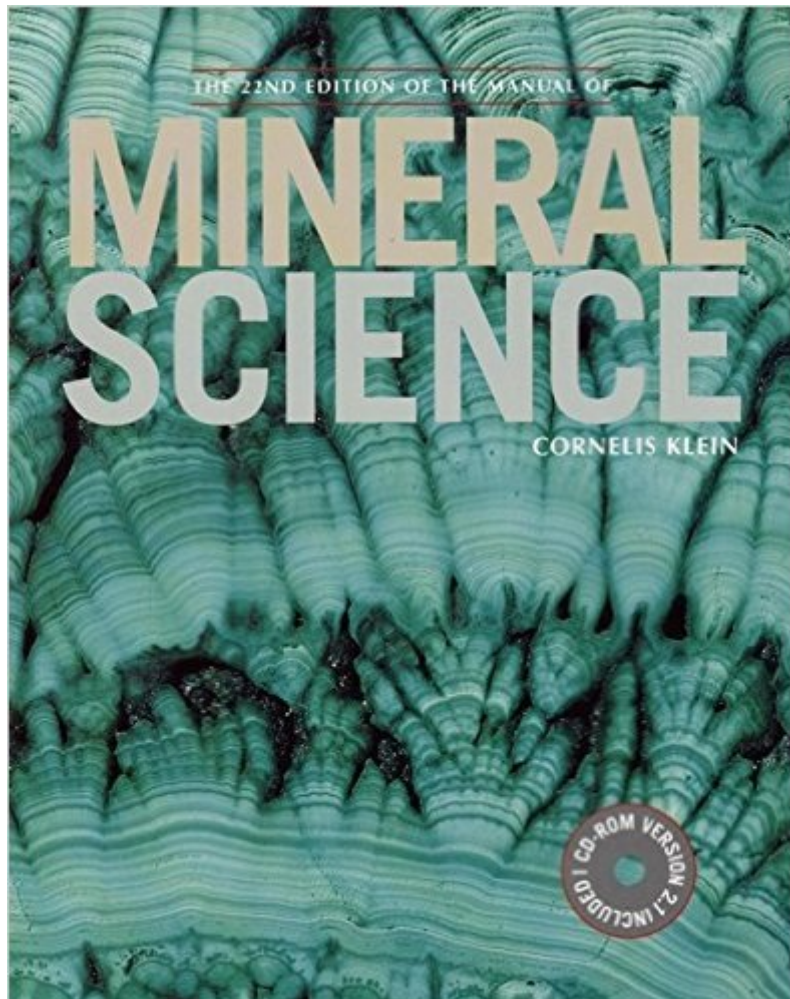


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Manual Of Mineral Science, 22nd Edition (Manual Of Mineralogy)



Synopsis

Contains well praised Mineralogy Tutorials 2.0 CD-ROM. * Icons appear in the book where the CD-ROM is appropriate for exploration. * All references have been completely updated.

Book Information

Series: Manual of Mineralogy

Hardcover: 656 pages

Publisher: Wiley; 22 edition (April 20, 2001)

Language: English

ISBN-10: 0471251771

ISBN-13: 978-0471251774

Product Dimensions: 8.9 x 1 x 11.2 inches

Shipping Weight: 3.8 pounds

Average Customer Review: 4.0 out of 5 starsÂ Â See all reviewsÂ (51 customer reviews)

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#1160 inÂ Books > Science & Math > Earth Sciences > Geology

Customer Reviews

This new edition has made several improvements over the last one. The organization is clearer and better prepared. This book provides a better explanation and more detailed examples than other books of this type. The CD is a great asset for readers in comprehending the heirarchy of crystal organization and provides better visualization of the three-dimensional aspects of the various crystal forms and structures.

This is a great book for those who want a very in depth and comprehensive understanding of mineralogy. However, with no prior knowledge in chemistry or geology this book is very hard to understand. It is also very hard to read. It does not flow and is very analytical. It does have so very useful things though. It has a description and breakdown of most minerals and a great mineral index. If your serious and have prior background, get it.

Into the 5th week of Mineralogy class, this book *then* became extremely informative - this is not a self-instructional manual, and I do not believe it was intended to be so. Most students will find the writing style in this text a bit intellectually heady, having been written by a distinguished Harvard

PhD professor. It could have been written more concisely, perhaps more simplistically, but all the information is there, and from what I understand, past editions were more comprehensive than this 22nd edition. I personally love this text, and only *after* an introduction to the subject will this text make real sense to the reader. And yes, I agree with the previous posts regarding certain statements about crystal structures that require some sort of base level knowledge of chemistry or physics or math (i.e. symmetry concepts) in order to fully comprehend a particular passage, but that's what you get from an Ivy League PhD-er! I believe this text was designed for the third year student who should already have taken 1 semester each of at least chemistry and calculus. Although calculus isn't necessary for the class, it presupposes that you know and understand some basic conceptual geometry. I would suggest reading some basic introduction to mineralogy websites before tackling this book. Also, I have found that for the conscientious mineralogy students who possess a "more refined" reading level and who are putting genuine effort into the class, this book is a valuable edition. Other texts simply do not cover as much material as found here, such as x-ray diffraction and optics. Overall meant for students and not the self-taught, although that depends on the individual, but in general I would not recommend this for the beginner who wants to learn on his/her own. Still, a great text. Try getting some older editions with less sub-subjects edited out for a real comprehensive text!

Book Review: I bought this book, even though it is a past edition, and so far it is doing well. It doesn't have a lot of the tables and graphs as a newer edition of Dana's Manual but it still has a lot of the same quality of information. After all not much has changed in the world of Mineralogy. It wasn't as big as a normal textbook so it takes up less room in my bag. **Seller Review:** The book was in slightly better condition than was advertised, and it is a very good book. The only slight problem I had was the shipping length, but that was more of the carrier's fault than the seller. Seller shipped book on the next business day. I paid for expedite shipping and assumed it was 2-3 business days, and it was 5 business days. Normally I wouldn't care, but when you are trying to study for an exam everyday matters. So shelling out an extra \$7 dollars and expecting it in 3 days, but not receiving it until 5 days will get you a little irked.

I purchased this book, the 23rd edition, after having been forced to use the 19th edition of Hurlbut & Klein while a student at Baylor University. Most mineralogy Professors love to draw and derive axial ratios for all the mineral classes, and I was surprised to discover that axial ratios are not discussed to a great degree in this edition. I now know why my Mineralogy Professor lectured from

MINERALOGY FOR STUDENTS (1981); a book I wish I had way back then (that guy loved to keep it hidden from view, and why he did not make it available to his students I will never understand). The figures and diagrams still leave much to be desired and the writing style is confussing, but not as bad as the 19th edition, and that useless symmetry content section is still in this edition. Other geologist told me that the book is an improvement on previous attempts, but after spending time reading the new book, my opinion has not changed about this Mineralogy text book. This is the worst mineralogy text book that one can purchase. The authors just shifted a few things around, cleared up mistakes, redrew diagrams, and added/deleted a chapter or two. It is not a text book I recommend for the use in a mineralogy course. Can anyone tell me that there is a better book than MINERALOGY FOR STUDENTS by Battey and Ping?

Oi, how much more convoluted can a text get? With every edition, this text gets less organized. Or that is at least true for the last 3 editions, anyways ... Eg. In how many chapters can the topic of "symmetry" be covered? Keeping it to 1 would be much easier to digest, thank you. The text is written in old-school rambling style... sure, it covers all topics, but it is hard to learn from (and in my experience, even harder to teach from). There are better options out there. Nesse "Intro to Mineralogy" text.

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