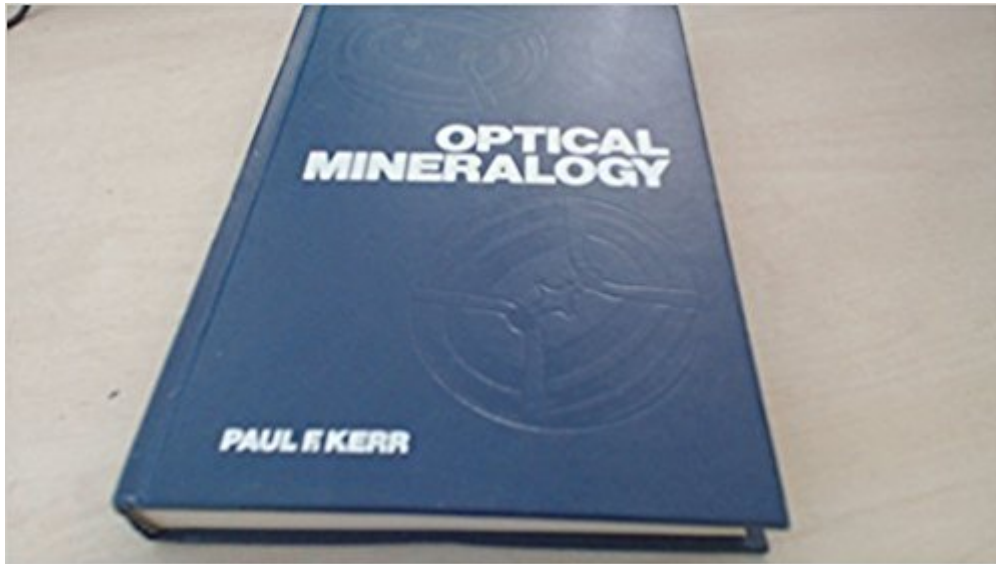


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Optical Mineralogy



Synopsis

This college text is well written. For those who have access to both thin sectioning equipment and a petrographic scope with universal stage, most minerals can be identified. Solid solution minerals, notably the Ca-Na sequence of feldspars can be quantitatively determined. Without the universal stage, much of the thin section determinations can still be done using information in this text. The first 151 pages cover principles and microscope equipment. The next 272 pages cover the individual minerals and their unique properties and identification in thin section. The index is 16 pages.

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The book is very good. It would be much better if the photographs of the mineral thin sections are colored. During my research and then during my teaching in Master degree level of geology, the book helps a lot in identification of minerals and in other mineralogical practical purposes.

This is an extremely useful book to have near my transmitted light microscope, to study transparent minerals (and rocks). The book is in very good condition and arrived without any problems.

It's a great book for geology students.

Another book my daughter love. she so happy to own this book, a detail and self explanation and helps her to understand better.

As a user of this book as a student of Geology I can highly recommend it. There is no doubt in my mind that this remains the best book made for identification in optical mineralogy. In addition to containing descriptions of optical properties for over 450 minerals, it has a easy to use system of tables which crossreference and compare the optical properties of the minerals. This system is very well tailored and makes identification, not a dream but a lot easier. The book also has a large section on the theory of optical mineralogy and polarizing microscope.

I used an older edition of this book in my crystallography studies. It is fascinating to see the pictures. There is a complete section that was helpful on using the polarising microscope. It also has an identification guide which is useful although a modern database could also do this type of searching. A good book for a geology student.

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