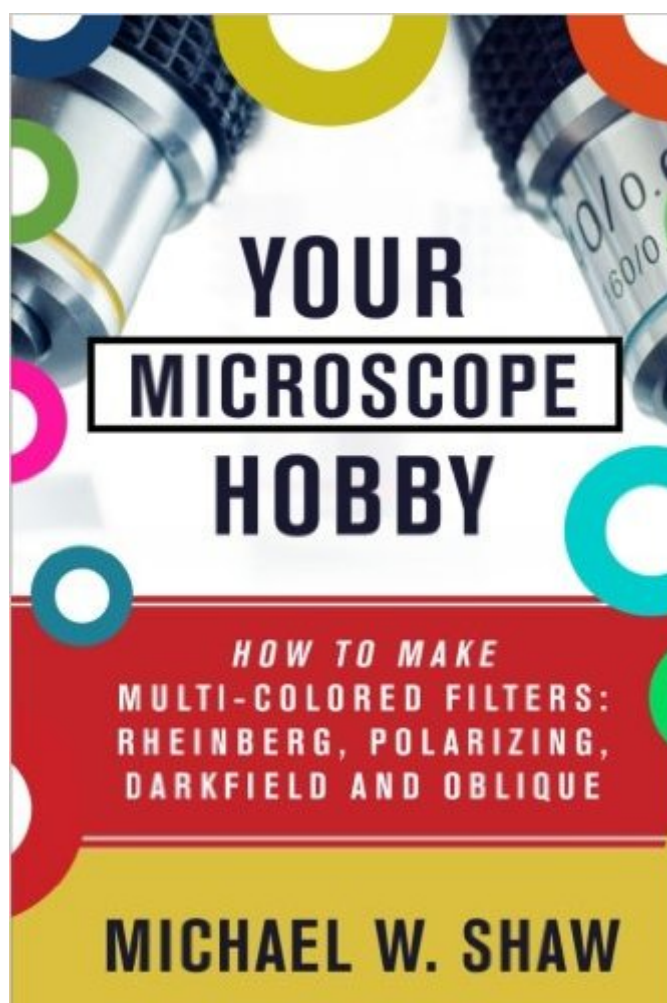


The book was found

Your Microscope Hobby: How To Make Multi-colored Filters: Rheinberg, Polarizing, Darkfield And Oblique



Synopsis

For over a decade, the author has made microscope filters for universities around the world, for the Mayo Clinic, for professors, industrial scientists, hospital researchers, doctors and veterinarians on every continent, and for amateurs as well. In addition to the main topic of Rheinberg filters, covered are polarization and oblique filter making, which adds to the repertoire of microscope contrast techniques. The book also lists many resources for products and related references about microscopy. Loaded with over 144 photos and illustrations, included are bonus chapters showing the reader how to make a microscope camera adapter, a nice wooden filter case, and instructions for making a plant press.

Book Information

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Customer Reviews

Sooner or later, anyone who uses a microscope, whether for business or pleasure, will discover Rheinberg illumination which is produced by using Rheinberg Filters. Invented in 1896 by Julius Rheinberg, Rheinberg illumination reveals details and yields striking images which simply can not be produced by any other means. The only problem is that commercially produced filters, if one can find them for their particular make and model of microscope, are prohibitively expensive. The internet hosts many articles on Rheinberg Illumination and filters, and it hosts a few which contain cursory instruction on how to make them, but as is so often the case, cursory instruction leads to nothing but frustration and poor results. Fortunately, there is one definitive resource for those wishing to learn the art of constructing Rheinberg filters: Mike Shaw's book *How To Make Rheinberg Filters*. Mr. Shaw's book thoroughly describes and illustrates every aspect of making Rheinberg and some

other filters used in microscopy. Filter construction aside, the book contains valuable information as to where tools and supplies may be procured, how common household tools can be re-purposed for filter making, and even how to market and sell filters as a business. Although he describes many sources for supplies, Mr. Shaw also maintains an .com store for those readers wishing to purchase some of the tools and materials mentioned in the book. How To Make Rheinberg Filters is written in a personable, easy-to-read style. The author avoids becoming bogged down in optical theory, and avoids using overly technical terminology. To his credit, and of great benefit to the reader, Mr. Shaw emphasizes the simple and practical. As a result, his book is suitable for use by both student and adult readers.

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