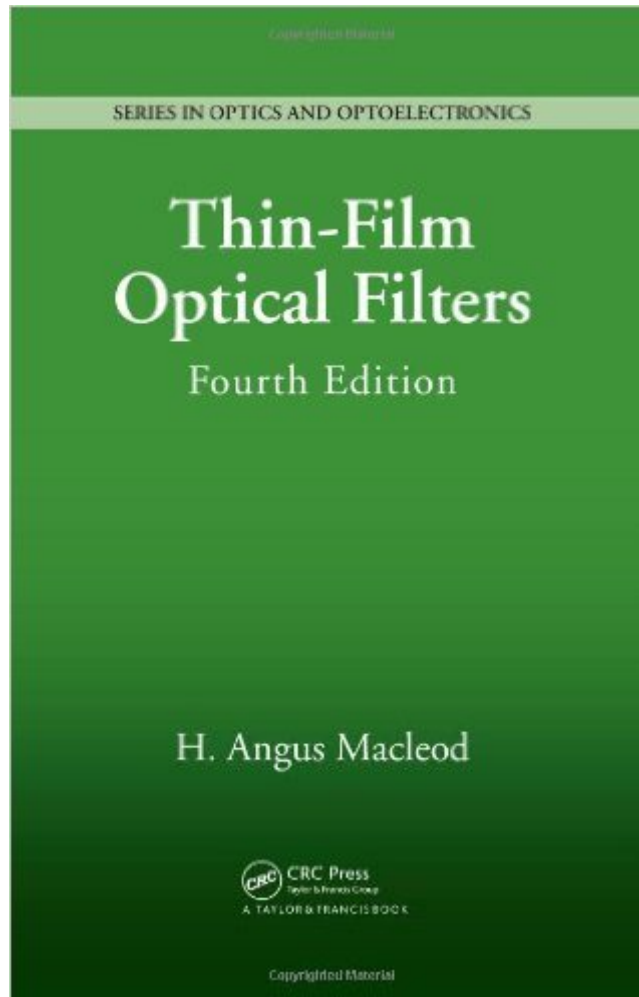


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# Thin-Film Optical Filters, Fourth Edition (Series In Optics And Optoelectronics)



## Synopsis

Written by a world-renowned authority of optical coatings, *Thin-Film Optical Filters, Fourth Edition* presents an introduction to thin-film optical filters for both manufacturers and users. The preeminent author covers an assortment of design, manufacture, performance, and application topics. He also includes enough of the basic mathematics of optical thin films to enable readers to carry out thin-film calculations. This new edition of a bestseller retains most of the descriptions of older design techniques because of their importance in understanding how designs work. However, this edition includes a substantial amount of new material as well. A new chapter on color takes into account the increasing importance of color in optical coatings. In addition, a new section discusses the effects of gain in optical coatings. This comprehensive yet accessible book continues to offer valuable insight into the principles, techniques, and processes of successful coating design. It provides the sound foundation required to make further advances in the field.

## Book Information

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Average Customer Review: 4.2 out of 5 stars [See all reviews](#) (4 customer reviews)

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## Customer Reviews

This is a good book that contains the relevant materials of thin film filters and dielectric mirrors. This book also contains design examples of filters and thin film deposition methods. It is a very good text book as well as reference book for those who intend to work in this field.

If coatings are your thing, it is very likely that you already own this book. It is pretty much the definitive reference on all things coating. While it is certainly a bit math-y at times, it is still very

readable.

This book has got it all--practical, insightful, and well-organized. Sadly, it has got just slightly too much of it all, I found it long-winded at times. That being said, still an very good book if you are interested in such effervescent matters as light and how man attempts to control it.

I work in a factory located in Brazil, and our business is the manufacturing of optical precision products. This book has been a great help and good evolution in the sense of helping us to develop new techniques to produce our material.

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