

about the book...

This thorough *Handbook* provides a substantial background in infrared optics and offers quick access—via alphabetical listings—to a wealth of practical information on numerous materials applied in the field, containing physical property data on **over 100** traditional, new, and emerging crystalline and glass **infrared optical materials** in over 500 data sheets, tables, and figures.

Gathering knowledge—unavailable in any other single source—from the literature *and* manufacturers, this work compares characteristics of **over 100 infrared optical materials** . . . surveys **50 different infrared optical coatings** . . . explains basic physics of infrared optical matter . . . elucidates optical coatings theory, design, and techniques . . . and more.

Suitable for continuing-education courses offered by the Society of Photo-Optical Instrumentation Engineers, this book serves as a tool for optical, infrared, electrical, electro-optic systems, optical coating, military, and aerospace engineers; optical and optical coatings designers; crystal chemists; solid-state physicists; materials scientists and ceramists; and upper-level undergraduate and graduate students in these disciplines.

about the editor...

PAUL KLOCEK is Manager of the Advanced Optical Materials Branch at Texas Instruments, Inc. The author, coauthor, or editor of over 20 papers and seven books, he was chairman of five international conferences. Mr. Klocek is a member of the Society of Photo-Optical Instrumentation Engineers, Optical Society of America, American Ceramic Society, Materials Research Society, and American Association for Crystal Growth. He received the B.S. degree in materials science from the Catholic University of America, Washington, D.C., and M.S. degree in physics from the University of Texas at Dallas, Richardson.

Printed in the United States of America

ISBN: 0-8247-8468-5

marcel dekker, inc./new york • basel • hong kong

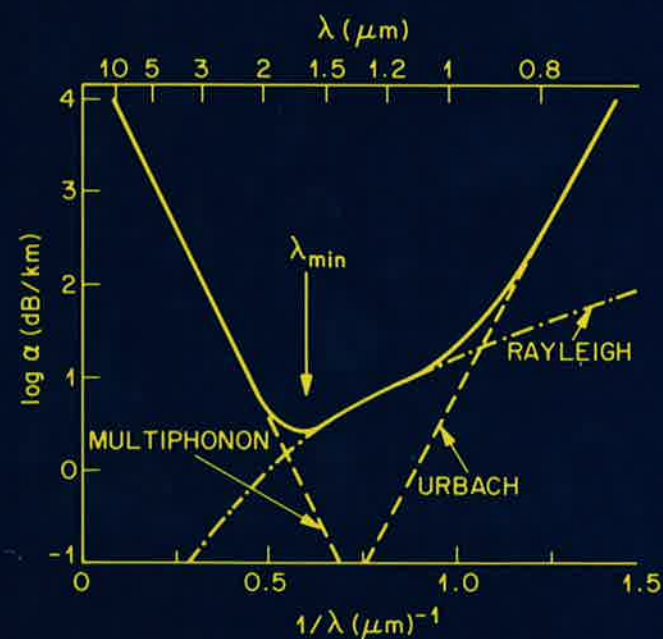
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EDITED BY
PAUL KLOCEK