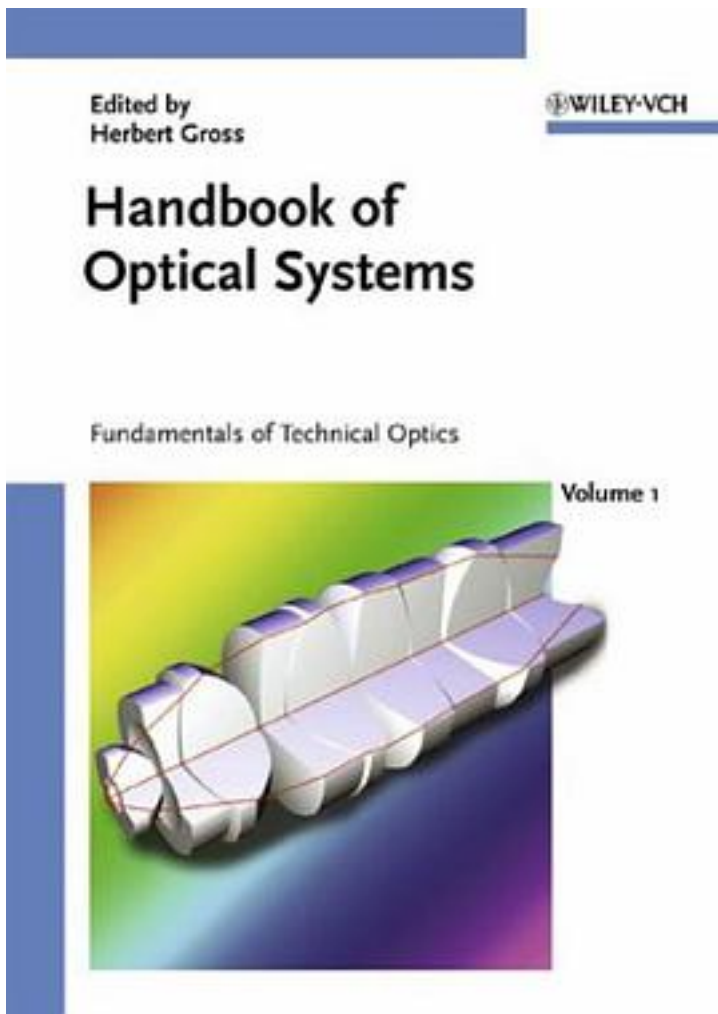


Handbook of Optical Systems, Fundamentals of Technical Optics



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The state-of-the-art full-colored handbook gives in six volumes a comprehensive introduction to the principles and the practice of calculation, layout and understanding of optical systems and lens design. Written by reputed industrial experts in the field the user is introduced to the basic properties of optical systems, aberration theory, classification and characterization of systems, advanced simulation models, measuring of system quality and manufacturing issues. More than 3,000 full-colored illustrations and images support the reader and supply an easy understanding of complex optical systems and optical modeling. Vol.1 Fundamentals of Technical Optics Vol.2 Physical Image Formation Vol.3 Aberration Theory and Correction of Optical Systems Vol.4 Survey of Optical Instruments Vol.5 Metrology of Optical Components and Systems Vol.6 Advances Physical Optics In this volume

Volume 1 gives a general introduction to the field of technical optics. Although part of the series, it acts as a fully selfstanding textbook. With more than 700 full color graphs and it is a intuitive introduction for the beginner and a comprehensive reference for the professional.

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