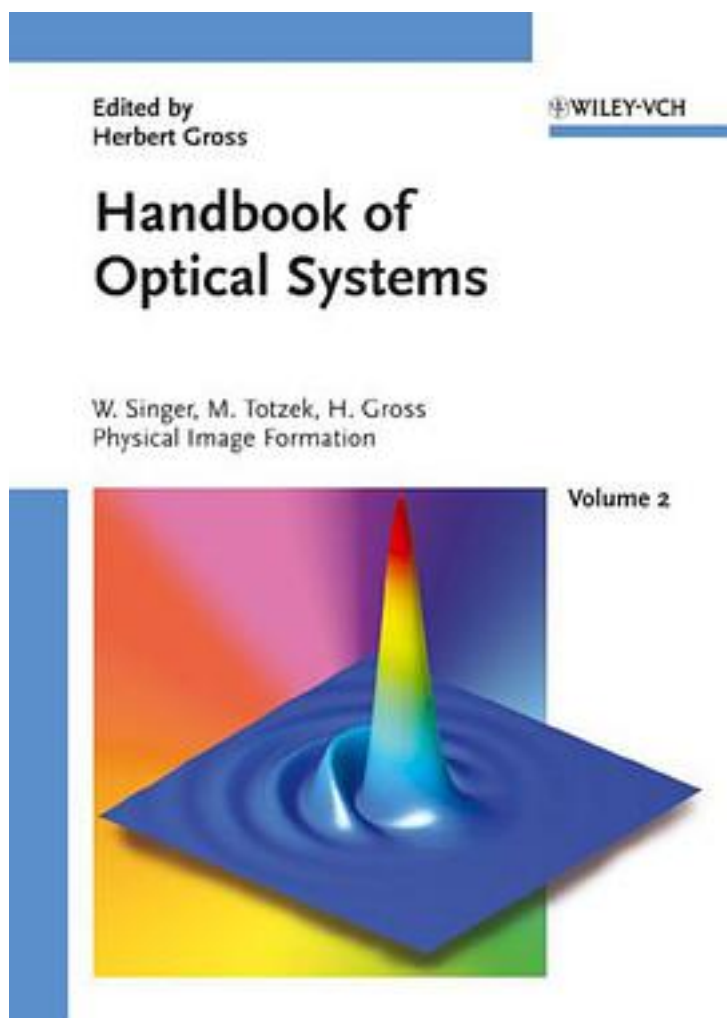


Handbook of Optical Systems, Physical Image Formation (Gross/Optical Systems V1-V6 special prices until 6V ST published (VCH)) (Volume 2)



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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. Volume 1: Fundamentals of Technical Optics

Volume 2: Physical Image Formation

Volume 3: Aberration Theory and Correction of Optical Systems

Volume 4: Survey of Optical Instruments

Volume 5: Metrology of Optical Components and Systems

Volume 6: Advances Physical Optics In this volume

Volume 2 continues the introduction given in volume 1 with the more advanced texts about the foundations of image formation. Emphasis is placed on an intuitive while theoretically exact presentation. Totally more 400 color graphs and selected references on the end of each chapter support this undertaking. From the contents: 17 Wave equation

18 Diffraction

19 Interference and coherence

20 Imaging

21 Imaging with partial coherence

22 Three dimensional imaging

23 Polarization

24 Polarization and optical imaging

A1 Mathematical appendix

作者介绍:

目录:

[Handbook of Optical Systems, Physical Image Formation \(Gross/Optical Systems V1-V6 special prices until 6V ST published \(VCH\)\) \(Volume 2\)_下载链接1](#)

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