



Handbook of Optical Systems, Physical Image Formation (Volume 2)

Wolfgang Singer, Michael Totzeck, Herbert Gross

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The state-of-the-art full-colored handbook gives 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, this text introduces the user to the basic properties of optical systems, aberration theory, classification and characterization of systems, advanced simulation models, measuring of system quality and manufacturing issues.

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. More than 400 color graphs and selected references on the end of each chapter support this undertaking.

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- A1 Mathematical appendix

Other Volumes

- Volume 1: Fundamentals of Technical Optics
- Volume 3: Aberration Theory and Correction of Optical Systems
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