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|----|-------------------------|--------------------------------------------------------------------------|
| 1. | Record Nr.              | UNISA996262799203316                                                     |
|    | Titolo                  | Black Book - Department Store Industry (November 1989)                   |
|    | Pubbl/distr/stampa      | Bernstein Global Wealth Management                                       |
|    | Lingua di pubblicazione | Francese                                                                 |
|    | Formato                 | Materiale a stampa                                                       |
|    | Livello bibliografico   | Periodico                                                                |
| 2. | Record Nr.              | UNINA9910894662303321                                                    |
|    | Titolo                  | Langues officielles . [...] Rapport annuel / Patrimoine canadien         |
|    | Pubbl/distr/stampa      | Ottawa, : Minister of Public Works and Government Services Canada, 2007- |
|    | Descrizione fisica      | Online-Ressource                                                         |
|    | Disciplina              | 340<br>400                                                               |
|    | Soggetti                | Zeitschrift                                                              |
|    | Lingua di pubblicazione | Francese                                                                 |
|    | Formato                 | Materiale a stampa                                                       |
|    | Livello bibliografico   | Periodico                                                                |

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| 3. Record Nr.           | UNINA9911004740603321                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Autore                  | Schroeder D. J                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Titolo                  | Astronomical optics / / Daniel J. Schroeder                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Pubbl/distr/stampa      | San Diego, : Academic Press, c2000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| ISBN                    | 9786611033606<br>9781281033604<br>128103360X<br>9780080499512<br>0080499511                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Edizione                | [2nd ed.]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Descrizione fisica      | 1 online resource (495 p.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Disciplina              | 522/.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Soggetti                | Astronomical instruments<br>Optics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Lingua di pubblicazione | Inglese                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
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| Livello bibliografico   | Monografia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Note generali           | Description based upon print version of record.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Nota di bibliografia    | Includes bibliographical references and index.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Nota di contenuto       | Front Cover; Astronomical Optics; Copyright Page; Contents; Preface; Chapter 1. Introduction; 1.1. A Bit of History; 1.2. Approach to Subject; 1.3. Outline of Book; Chapter 2. Preliminaries: Definitions and Paraxial Optics; 2.1. Sign Conventions; 2.2. Paraxial Equation for Refraction; 2.3. Paraxial Equation for Reflection; 2.4. Two-Surface Refracting Elements; 2.5. Two-Mirror Telescopes; 2.6. Stops and Pupils; 2.7. Concluding Remarks; Bibliography; Chapter 3. Fermat's Principle: An Introduction; 3.1. Fermat's Principle in General; 3.2. Fermat's Principle and Refracting Surfaces<br>3.3. Wave Interpretation of Fermat's Principle3.4. Fermat's Principle and Reflecting Surfaces; 3.5. Conic Sections; 3.6. Fermat's Principle and the Atmosphere; 3.7. Concluding Remarks; References; Bibliography; Chapter 4. Introduction to Aberrations; 4.1. Reflecting Conics and Focal Length; 4.2. Spherical Aberration; 4.3. Reflecting Conics and Finite Object Distance; 4.4. Off-Axis Aberrations; 4.5. Aberration Compensation; References; Bibliography; Chapter 5. Fermat's Principle and Aberrations; 5.1. Application to Surface of Revolution; 5.2. Evaluation of Aberration Coefficients<br>5.3. Ray and Wavefront Aberrations5.4. Summary of Aberration Results, |

Stop at Surface; 5.5. Aberrations for Displaced Stop; 5.6. Aberrations for Multisurface Systems; 5.7. Curvature of Field; 5.8. Aberrations for Decentered Pupil; 5.9. Concluding Remarks; Appendix A: Comparison with Seidel Theory; References; Bibliography; Chapter 6. Reflecting Telescopes; 6.1. Paraboloid; 6.2. Two-Mirror Telescopes; 6.3. Alignment Errors in Two-Mirror Telescopes; 6.4. Three-Mirror Telescopes; 6.5. Four-Mirror Telescopes; 6.6. Concluding Remarks; References; Bibliography  
Chapter 7. Schmidt Telescopes and Cameras 7.1. General Schmidt Configuration; 7.2. Characteristics of Aspheric Plate; 7.3. Schmidt Telescope Example; 7.4. Achromatic Schmidt Telescope; 7.5. Solid- and Semisolid-Schmidt Cameras; References; Bibliography; Chapter 8. Catadioptric Telescopes and Cameras; 8.1. Schmidt-Cassegrain Telescopes; 8.2. Cameras with Meniscus Correctors; 8.3. All-Reflecting Wide-Field Systems; References; Chapter 9. Auxiliary Optics for Telescopes; 9.1. Field Lenses, Flatteners; 9.2. Prime Focus Correctors; 9.3. Cassegrain Focus Correctors; 9.4. Cassegrain Focal Reducers 9.5. Atmospheric Dispersion Correctors 9.6. Fiber Optics; References; Bibliography; Chapter 10. Diffraction Theory and Aberrations; 10.1. Huygens-Fresnel Principle; 10.2. Perfect Image: Circular Aperture; 10.3. The Near Perfect Image; 10.4. Comparison: Geometric Aberrations and the Diffraction Limit; 10.5. Diffraction Integrals and Fourier Theory; References; Bibliography; Chapter 11. Transfer Functions; Hubble Space Telescope; 11.1. Transfer Functions and Image Characteristics; 11.2. Hubble Space Telescope, Prelaunch Expectations; 11.3. Hubble Space Telescope, Postlaunch Reality 11.4. Concluding Remarks

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## Sommario/riassunto

This book provides a unified treatment of the characteristics of telescopes of all types, both those whose performance is set by geometrical aberrations and the effect of the atmosphere, and those diffraction-limited telescopes designed for observations from above the atmosphere. The emphasis throughout is on basic principles, such as Fermat's principle, and their application to optical systems specifically designed to image distant celestial sources. The book also contains thorough discussions of the principles underlying all spectroscopic instrumentation, with special emphasis on grating

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