



Reflecting Telescope Optics II: Manufacture, Testing, Alignment, Modern Techniques (Astronomy and Astrophysics Library)

By Raymond N. Wilson

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This book, written by the designer of the worlds largest telescope, the VLT in Chile, covers the essential modern developments in telescope optics. In the last twenty years, modern technology has revolutionized not only manufacturing and test procedures but also the entire area of quality specification. In addition to these topics, the book also covers the alignment of telescope optics, atmospheric optics, adaptive optics, reflective coatings, and ancillary equipment. Richly illustrated, this work covers important modern techniques, which makes it one of the most complete references on telescope optics.

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Editorial Review

Review

The book ... is the only monograph currently available which treats the whole range of modern optical technology of reflecting telescopes in a comprehensive way.

... Special topics can easily be found with the help of the extensive name and subject indices, and thanks to the long list of references, the book is an entry point for more detailed studies.

... The book should also be of interest for more ambitious amateur astronomers.

... With the extensive name and subject index this volume should also be useful as a reference book.

L. Noether, ESO Messenger 106, pp 49-50 (2001)

From the Back Cover

This volume is concerned essentially with the modern developments in reflecting telescope optics. In the last twenty years, modern technology has revolutionized not only manufacturing and test procedures but also the whole area of quality specification with the introduction of active control into the functioning telescope.

Other subjects covered here are alignment of telescope optics, atmospheric optics, including adaptive optics, reflecting coatings and ancillary equipment (adapters and baffles). Although an independent work, Vol. II is heavily cross-referenced with Vol. I. It is richly illustrated and gives, together with Vol. I, the most complete list of references available; it can also therefore be regarded as a source book.

Users Review

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