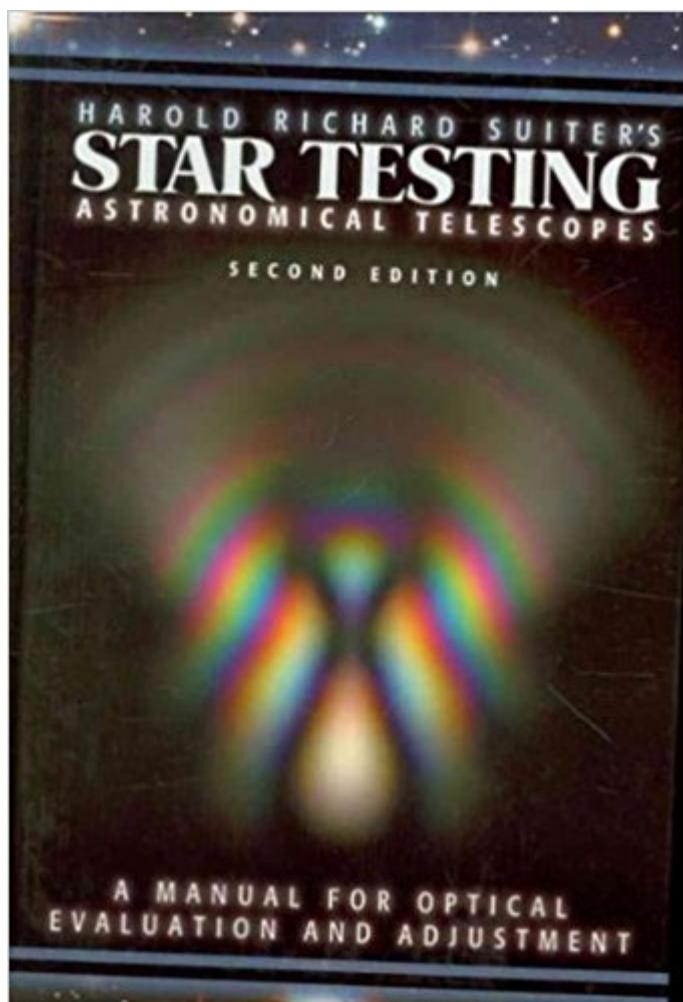


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Star Testing Astronomical Telescopes: A Manual For Optical Evaluation And Adjustment



Synopsis

This book is about telescopes that work properly and those that do not. If you have a new telescope that is not performing as well as other telescopes of equal aperture, the book gives you a no-nonsense technique of evaluating the optics doing exactly what they were designed to do - image the stars.

Book Information

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Customer Reviews

This book is about telescopes that work properly and those that do not. If you have a new telescope that is not performing as well as other telescopes of equal aperture, the book gives you a no-nonsense technique of evaluating the optics doing exactly what they were designed to do - image the stars.

I really think the writing is at times rather poor. The explanations could be done much better. I particularly think the analogies with audio concepts just don't correlate very well with optics. The organization of topics is a bit herky jerky at times too. For content organization issues, mediocre explanations, and overwrought analogies I would rate this a 3 and barely that. On the other hand, this info is just invaluable to an amateur telescope owner. The star test is so revealing and so highly useful to evaluating your scope. And the book is about more than just that. Lots of info beyond just the star test. About how that test works, why it is so revealing, what it reveals etc. etc. and etc. The underlying content sometimes takes a real effort on the reader's part to understand. But is so highly

useful it is very much worth the effort. Don't know of another source that compares. The info content I would rate a solid 5. So in the end I give it a 4 all things considered. If you want to know more about basic telescope optics, then "Telescope Optics : Complete Manual for Amateur Astronomers" by Harrie G. J. Rutten and Martin A. M. Van Venrooij" is a better book. Yet it is more theoretical and explanatory. So much of Suiter's book has info that is pertinent and useful to you as a telescope owner. I really think any amateur astronomer owes it to himself to own both. I would suggest the Rutten and Venrooij book be read first. Follow it up with Suiter's book.

This book has probably everything you may want to know about the theory of star testing. It is a purely theoretical book based on state of the art calculations of the diffraction phenomena in astronomical telescopes performed and written by a physicist. The book includes a short summary of the most common observations for everybody who does not want to read the entire book (and that is probably 99.9% of the readers including myself). You can then go into the chapter of the particular effect you are interested in to read more detail, for example spherical aberration.

Wow! Waaaaaaay to technical for me to wade through. It was written by a PHD and it shows!

This is a very fine technical manual not written for the scientifically illiterate. Text and illustrations are exceptionally well-done and offer clear concise instructions on how to perform the test using either starlight or artificial stars. Every astronomer or telescope equipment lover should/must have this book if he is to realize maximum performance from his equipment. Highly recommended for those serious about maximizing telescope performance, or debugging image quality problems.

Famous book (the bible of star testing), excellent used price, quickly shipped, no issues.

Fine product, recommend.

Bought the book to assist collimating my SCT. This will take some digesting, but certainly appears to be the go to resource for astronomy star testing.

Well written. I read every page.

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Optics for Astronomical Telescopes (Oxford Series in Optical and Imaging Sciences) Astrometric Techniques: Proceedings of the 109th Symposium of the International Astronomical Union Held in Gainesville, Florida, U.S.A., 9–12 January 1984 (International Astronomical Union Symposia) Daniels and Worthingham's Muscle Testing: Techniques of Manual Examination and Performance Testing, 9e (Daniels & Worthington's Muscle Testing (Hislop)) Norton's Star Atlas and Telescopic Handbook; Covering the whole Star Sphere, and showing over 9000 Stars, Nebulae, and Clusters; with Descriptive Lists of Objects mostly suitable for Small Telescopes; Notes on Planets, Star Nomenclature, etc. Optical Thin Films: User's Handbook (Macmillan Series in Optical and Electro-Optical Engineering) Small Telescopes and Astronomical Research (The Astronomy Series, 1st) A Buyer's and User's Guide to Astronomical Telescopes & Binoculars (The Patrick Moore Practical Astronomy Series) DNA Testing Guide Book: Utilize DNA Testing to Analyze Family History Genealogy, Classify and Measure Ethnic Ancestry Research, And Discover Who You Are ... DNA Testing, Ancestry, Ancestry Research) Star to Star: Astronomical Dot-to-Dot Puzzles The Future of Small Telescopes in the New Millennium: Volume I – Perceptions, Productivities, and Policies Volume II – The Telescopes We Use Volume ... and Space Science Library) (v. 1) ACSM's Resource Manual for Guidelines for Exercise Testing and Prescription (Ascms Resource Manual for Guidlies for Exercise Testing and Prescription) Ruppel's Manual of Pulmonary Function Testing, 10e (Manual of Pulmonary Function Testing (Ruppel)) Manual of Pulmonary Function Testing, 9e (Manual of Pulmonary Function Testing (Ruppel)) Ruppel's Manual of Pulmonary Function Testing - E-Book (Manual of Pulmonary Function Testing (Ruppel)) The Design and Construction of Large Optical Telescopes (Astronomy and Astrophysics Library) Homebuilt Telescopes: Mirror Grinding - Testing and Figuring - Telescope Construction Phasma (Star Wars): Journey to Star Wars: The Last Jedi (Star Wars: Journey to Star Wars: the Last Jedi) Handbook of Organic Materials for Optical and (Opto)Electronic Devices: Properties and Applications (Woodhead Publishing Series in Electronic and Optical Materials) Handbook of Optical and Laser Scanning, Second Edition (Optical Science and Engineering)

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