



A New Instrument for Measurement of the Solar Aureole Radiance Distribution from Unstable Platforms

By Joseph M. Ritter

BiblioGov. Paperback. Book Condition: New. This item is printed on demand. Paperback. 22 pages. Dimensions: 9.7in. x 7.4in. x 0.1in. A novel imaging solar aureole radiometer, which can obtain absolute radiometric measurements of the solar aureole when operated on an unstable platform is described. A CCD array is used to image the aureole, while a neutral density occulter on a long pole blocks the direct solar radiation. This ensures accurate direction registration as the sun appears in acquired images, and the total circumsolar region is measured simultaneously. The imaging nature of this instrument along with a special triggering device permit acquisition of the circumsolar sky radiance within 7.5 degrees of the center of the solar disk, and within 1 degree of the edge of the solar disk. This innovation makes possible for the first time, reliable and accurate radiometric measurements of the solar aureole from unstable mobile platforms such as ships. This allows determination small angle atmospheric scattering. The instrument has been used in field studies of atmospheric aerosols and will be used in satellite validation and calibration campaigns. This item ships from La Vergne, TN. Paperback.



READ ONLINE
[2.1 MB]

Reviews

This pdf can be worthy of a read, and much better than other. I am quite late in start reading this one, but better then never. Its been printed in an remarkably easy way which is merely following i finished reading this book by which basically changed me, alter the way i think.

-- **Nedra Kiehn**

The best publication i actually study. We have study and that i am certain that i will likely to study once more again later on. Your daily life span will likely be transform the instant you total reading this book.

-- **Mrs. Alene Leffler DVM**

You May Also Like



Trouble Free Travel with Children Over 700 Helpful Hints for Parents of the Go by Vicki Lansky 2003 Paperback
Book Condition: Brand New. Book Condition: Brand New.



Games with Books : 28 of the Best Childrens Books and How to Use Them to Help Your Child Learn - From Preschool to Third Grade
Book Condition: Brand New. Book Condition: Brand New.



Games with Books : Twenty-Eight of the Best Childrens Books and How to Use Them to Help Your Child Learn - from Preschool to Third Grade
Book Condition: Brand New. Book Condition: Brand New.



History of the Town of Sutton Massachusetts from 1704 to 1876
Createspace, United States, 2015. Paperback. Book Condition: New. annotated edition. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.This version of the History of the Town of Sutton Massachusetts from 1704 to 1876 is a labor...



Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications .
Rarebooksclub.com, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can usually download a free scanned copy of the...



Hitler's Exiles: Personal Stories of the Flight from Nazi Germany to America
New Press. Hardcover. Book Condition: New. 1565843940 Never Read-12+ year old Hardcover book with dust jacket-may have light shelf or handling wear-has a price sticker or price written inside front or back cover-publishers mark-Good Copy- I ship FAST with FREE tracking!! *...