



High Resolution in Solar Physics

By Richard Muller

Springer Aug 1985, 1985. Taschenbuch. Book Condition: Neu. 24.4x17x cm. This item is printed on demand - Print on Demand Neuware - Inhaltsangabe Professor Röscher, Pic du Midi and high resolution.- Acknowledgements and comments.- The large European solar telescope.- The European observatory at the Canary Islands.- High resolution solar observations.- Adaptive image stabilization of solar observations: A review.- Collages of granulation pictures / Poster.- Simulated correlation tracking on solar granulation.- High resolution speckle imaging of solar small-scale structure: The influence of anisoplanatism.- Speckle interferometry technique applied to the study of granular velocities.- The interest of simultaneous spectral and spatial high resolution spectroscopy in the infrared.- Preliminary results obtained with a new experimental apparatus for solar spectropolarimetry.- Solar two-dimensional spectroscopy with universal birefringent filters and Fabry-Pérot interferometers.- Solar high resolution balloon spectra obtained in the 190-300 nm wavelength band.- Hundredths of arcsec resolutions with new optical correctors on deep u.v. photoresist.- Observations of the birth and fine structure of sunspot penumbrae.- The high resolution structure of the sun.- Fine structure and evolution of solar granulation.- Temperature gradients in the solar granulation.- Line profiles and longitudinal velocity field in seeing limited small-scale atmospheric structures.- Determination of magnetic fields in unresolved features.- Evershed effect...



READ ONLINE
[9.19 MB]

Reviews

Extensive information for ebook fans. It was written very flawlessly and useful. You are going to like just how the author publishes this pdf.

-- **Jarrold Prosacco**

A top quality ebook and the font used was fascinating to read through. It is written in easy terms and not confusing. It has been written in a remarkably easy way in fact it is simply after I finished reading through this publication through which actually altered me, alter the way I believe.

-- **Roberto Block**