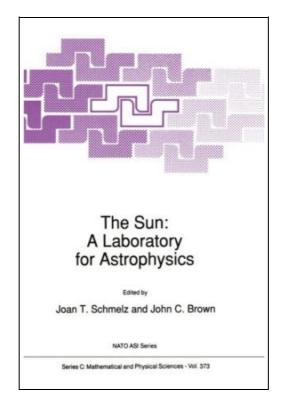
# The Sun: A Laboratory for Astrophysics



Filesize: 6.05 MB

# Reviews

Extensive information for ebook lovers. It typically is not going to expense too much. I discovered this book from my i and dad recommended this pdf to learn.

(Prof. Gerardo Grimes III)

# THE SUN: A LABORATORY FOR ASTROPHYSICS



Book Condition: New. Publisher/Verlag: Springer Netherlands | Proceedings of the NATO Advanced Study Institute, Crieff, Scotland, June 16-29, 1991 | As in the days following Skylab, solar physics came to the end of an era when the So lar Maximum Mission re-entered the earth's atmosphere in December 1989. The 1980s had been a pioneering decade not only in space- and ground-based studies of the solar atmosphere (Solar Maximum Mission, Hinotori, VLA, Big Bear, Nanc;ay, etc.) but also in solar-terrestrial relations (ISEE, AMPTE), and solar interior neutrino and helioseismol ogy studies. The pace of development in related areas of theory (nuclear, atomic, MHD, beam-plasma) has been equally impressive. All of these raised tantalizing further questions about the structure and dynamics of the Sun as the prototypical and best observed star. This Advanced Study Institute was timed at a pivotal point between that decade and the realisation of Yohkoh, Ulysses, SOHO, GRANAT, Coronas, and new ground-based optical facilities such as LEST and GONG, so as to teach and inspire the up and coming young solar researchers of the 1990s. The topics, lecturers, and students were all chosen with this goal in mind, and the result seems to have been highly successful by all reports. | Preface. 1. Opening Address; J.C. Brown. Part I: Solar Interior. 2. The Structure and Evolution of the Sun; J. Christensen-Dalsgaard. 3. Seismic Investigation of the Solar Interior; J. Christensen-Dalsgaard. 4. Convection; M. Schüssler. 5. Mean Field Dynamo Theory; P. Hoyng. 6. The MHD Description of Cosmic Plasmas; K. Tsinganos. 7. Symmetric and Nonsymmetric MHD Equilibria; K. Tsinganos. Part II: Solar and Stellar Atmospheres. 8. The Photosphere; H. Zirin. 9. Small-Scale Photospheric Magnetic Fields; M. Schüssler. 10. Sunspots: A Laboratory for Solar Physics; J.B. Gurman. 11. Chromospheric Structure; J.B. Gurman. 12. Spectroscopic Diagnostics; A.H. Gabriel. 13. The Solar...



Read The Sun: A Laboratory for Astrophysics Online

Download PDF The Sun: A Laboratory for Astrophysics

# Related PDFs



#### The Case for the Resurrection: A First-Century Investigative Reporter Probes History s Pivotal Event

ZONDERVAN, United States, 2010. Paperback. Book Condition: New. 180 x 127 mm. Language: English . Brand New Book. The Case for the Resurrection, a ninety-six-page booklet from bestselling author Lee Strobel, provides new evidence that...

Download Book »



# Absolutely Lucy #4 Lucy on the Ball A Stepping Stone BookTM

Random House Books for Young Readers. Paperback. Book Condition: New. David Merrell (illustrator). Paperback. 112 pages. Dimensions: 7.4in. x5.1in. x0.4in.llene Coopers fourth story of a boy and his beagle takes Bobby and Lucy...

Download Book »



# In the Company of the Courtesan: A Novel

Random House. Hardcover. Book Condition: New. 1400063817 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-...

Download Book »



# Mapping the Edge: A Novel

Random House Trade Paperbacks. PAPERBACK. Book Condition: New. 0375758615 12+ Year Old paperback book-Never Readmay have light shelf or handling wear-has a price sticker or price written inside front or back cover-publishers mark-Good Copy-I...

Download Book »



#### Read Write Inc. Phonics: Yellow Set 5 Storybook 8 Danny and the Bump-a-Lump

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. Tim Archbold (illustrator). 174 x 148 mm. Language: N/A. Brand New Book. These engaging Storybooks provide structured practice for children learning to read the Read...

Download Book »