

1. Record Nr.	UNINA9910257390503321
Titolo	Space Solar Physics [[electronic resource]] : Theoretical and Observational Issues in the Context of the SOHO Mission // edited by Jean Claude Vial, Karine Bocchialini, Patrick Boumier
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 1998
ISBN	3-540-69746-2
Edizione	[1st ed. 1998.]
Descrizione fisica	1 online resource (XIII, 298 p. 31 illus.)
Collana	Lecture Notes in Physics, , 0075-8450 ; ; 507
Disciplina	523.7
Soggetti	Observations, Astronomical Astronomy—Observations Astrophysics Space sciences Geophysics Astronomy, Observations and Techniques Astrophysics and Astroparticles Space Sciences (including Extraterrestrial Physics, Space Exploration and Astronautics) Geophysics/Geodesy Sun Congresses
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Methods and techniques in helioseismology -- Solar magnetic fields: an introduction -- Heating of chromospheres and coronae -- Solar wind -- Plasma diagnostics for the solar atmosphere -- Radiative transfer and radiation hydrodynamics -- Basic concepts in solar magnetohydrodynamics -- Heliospheric plasma physics: an introduction -- Instrumentation: Spectroscopy -- A SOHO user manual -- SOHO: an example of Project Management -- Future ESA Projects.
Sommario/riassunto	This is a fair overview of the basic problems in Solar Physics. The authors address not only the physics that is well understood but also discuss many open questions. The lecturers' involvement in the SOHO mission guarantees a modern and up-to-date analysis of observational

data and makes this volume an extremely valuable source for further research.
