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Altri autori (Persone)	AfonsoJose
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Nota di contenuto	CONTENTS ; Foreword ; Modern Astrophysics ; Evolution of the spin of Mercury and its capture into the 3/2 spin-orbit resonance ; Trans-Neptunian Objects and Associated Families: confronting colors, correlations and evolution models; The origin of the spins of Kuiper Belt objects Magnetic Turbulence in the solar wind and the earth's plasma sheet The structure revealed by Spitzer in NGC 2264 ; Recent Results on Interstellar Turbulence ; Asteroseismology and Variability of Young Stars ; On the problem of magnetic braking A first step for Automatic Stellar Parameter Determination Giant Transiting Planets Observations - GITPO ; Probing the structure and atmospheres of extra-solar planets ; What's going on in Canis Major? ; Study of three galaxy clusters at intermediate redshifts

Modelling the Warm Absorber in NGC 3783 with the TITAN code
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; AMS - a magnetic spectrometer on the international space station
; History of Astronomy
The legacy of Sacrobosco: Tractatus de Sphaera

Sommario/riassunto

This volume considers recent theoretical and observational developments in astronomy and astrophysics with contributions on solar system bodies, extrasolar planets, star formation, galaxy evolution and cosmology. A special section is dedicated to the history of astronomy including papers on the history of the Astronomical Observatory of Lisbon, time service and legal time, the 1870 solar eclipse expedition, and a comparison between Monteiro da Rocha and Wilhelm Olbers methods for the determination of the orbits of comets.

Sample Chapter(s)
Chapter 1: Evolution of the Spin of Mercur
