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Waves; T Tauri Stars: Near Infrared Spectroscopy

The Circumstellar Environment of Young Stellar Objects: Modelling the Dust Emission Using ISO and Ground-Based Observations Helium-to-Metal Enrichment Ratio: Determinations on the Hertzsprung-Russel Diagram after Hipparchus; High-Resolution Modelling of the Disk-Halo Interaction

Large Scale Structure and Cosmic Rays Revisited

Sommario/riassunto

This book discusses many of the recent theoretical and observational developments that have significant implications for astronomy and astrophysics. The main themes are (i) cosmology, (ii) gravitational wave astronomy and gravitational physics, (iii) stellar astrophysics, and (iv) active galactic nuclei and disk accretion. There are also contributions on the solar system.
<i>Contents:

</i><i>Cosmology:</i>New Cosmological Data and the 'Best-Fit' Universe <i>(O Lahav)</i>Measuring the Universe with the Cosmic Microwave Background <i>(D Barbosa & M Chu)</i>
