

Helioseismic Studies of Solar Dynamics

Sekii, Takashi, sekii@solar.mtk.nao.ac.jp, National Astronomical Observatory of Japan (NAOJ), Mitaka, Tokyo, Japan.

Understanding the origins of solar magnetism and its cyclic behaviour requires understanding the interplay between solar plasma flows and magnetic fields. Helioseismology provides us with a view into the otherwise invisible solar interior, enabling us to study the dynamical processes in the solar convection zone. Recent progresses in the helioseismic studies of solar dynamics are reviewed.