
Mixed modes

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Abstract

Mixed modes of stellar oscillations are normally defined as eigenmodes that consist of two different types of waves, acoustic waves in the envelope and gravity waves in the core. These modes play a major role in seismology of red giants because they allow us to access to both of the core and envelope structure of the stars. In fact, they have led to some highlights including those about evolutionary status, rotation and magnetic fields. In this presentation, some recent topics of mixed modes are introduced. The targets include not only red giants, but also subgiants and main-sequence stars.

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