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Challenges in Stellar Pulsation

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About the ebook

This Ebook describes the study of stellar interiors using pulsation data over the last few years. It takes into account the huge amount of data recently available from observational surveys, new discoveries from space missions and studies of pulsating stars in low-metallicity environments.

Contents

- ▶ Review of Theoretical Concepts
- ▶ Pulsating stars in the hot upper main sequence
- ▶ Scuti, Doradus and related stars
- ▶ roAp stars
- ▶ Cepheids and RR Lyrae stars
- ▶ Solar-like oscillations in stars
- ▶ Pulsation in cool long-period variables
- ▶ Pulsations in white dwarfs and hot sub-dwarfs

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