

OBLIQUE PULSATION AND THE PROTOTYPE DBV GD358

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GD358 is the prototype helium atmosphere (DB) pulsating white dwarf. Its rich pulsation spectra displays a range of excited modes with complex and variable multiplet structure, in addition to numerous combination frequencies. This star is the focus of multiple photometric and spectroscopic studies and has been instrumental in advancing our understanding of pulsating white dwarfs. We focus here on the results of Montgomery et al. (2010), which details strong evidence of oblique pulsation in the XCOV25 data set. This important result led us to search archival data for further evidence. Oblique pulsation offers a new tool to explain the variable multiplet structure observed in some pulsating white dwarfs.