

NEWS FROM THE PG1159 WHITE DWARF IN A CLOSE BINARY

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The PG1159 white dwarf SDSS J212531.92-010745.9 has a close companion. The system shows a pronounced reflection effect. This interpretation of the observed light variation is confirmed by radial velocity measurements, yielding the orbit of the double-lined system. We have collected white-light and multi-colour photometric as well as medium - and high- resolution phase resolved spectroscopic data which allow to investigate a number of phenomena in this binary. In particular, we present new VLT spectra. The goal of the on-going analysis is to constrain the white dwarf parameters, especially its mass, as accurately as possible.