

# THE UNIDENTIFIED FUV LINES OF HYDROGEN DEFICIENT DWARFS

D. D. Boyce, M. A. Barstow, J. K. Barstow, F. A. James, R. J. M. Laird

*Department of Physics and Astronomy, University of Leicester*

We present a detailed analysis of the spectral line velocities of DO white dwarfs and PG1159 stars. We use spectra from all the hydrogen deficient dwarfs observed with the Far Ultra Violet Explorer during its eight years of operation. Our analysis shows how the stellar lines can be separated from the interstellar medium lines by radial velocity discrimination. We also attempt to identify the large number of unidentified lines by requiring features to reside at either photospheric or interstellar velocities. We show how a detailed knowledge of these line velocities provides an important constraint for line identifications and address the presence of post iron group elements in these spectra.