Spectroscopic Determination of White Dwarf Candidates for DES

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Introduction

Project

- Identify DA White Dwarfs in or nearby the DES footprint for absolute photometric calibration.
- DA White Dwarfs have a smooth spectra with strong Balmer emission lines imprinted on a black body continuum: H-ϵ, H-δ, H-γ, H-β

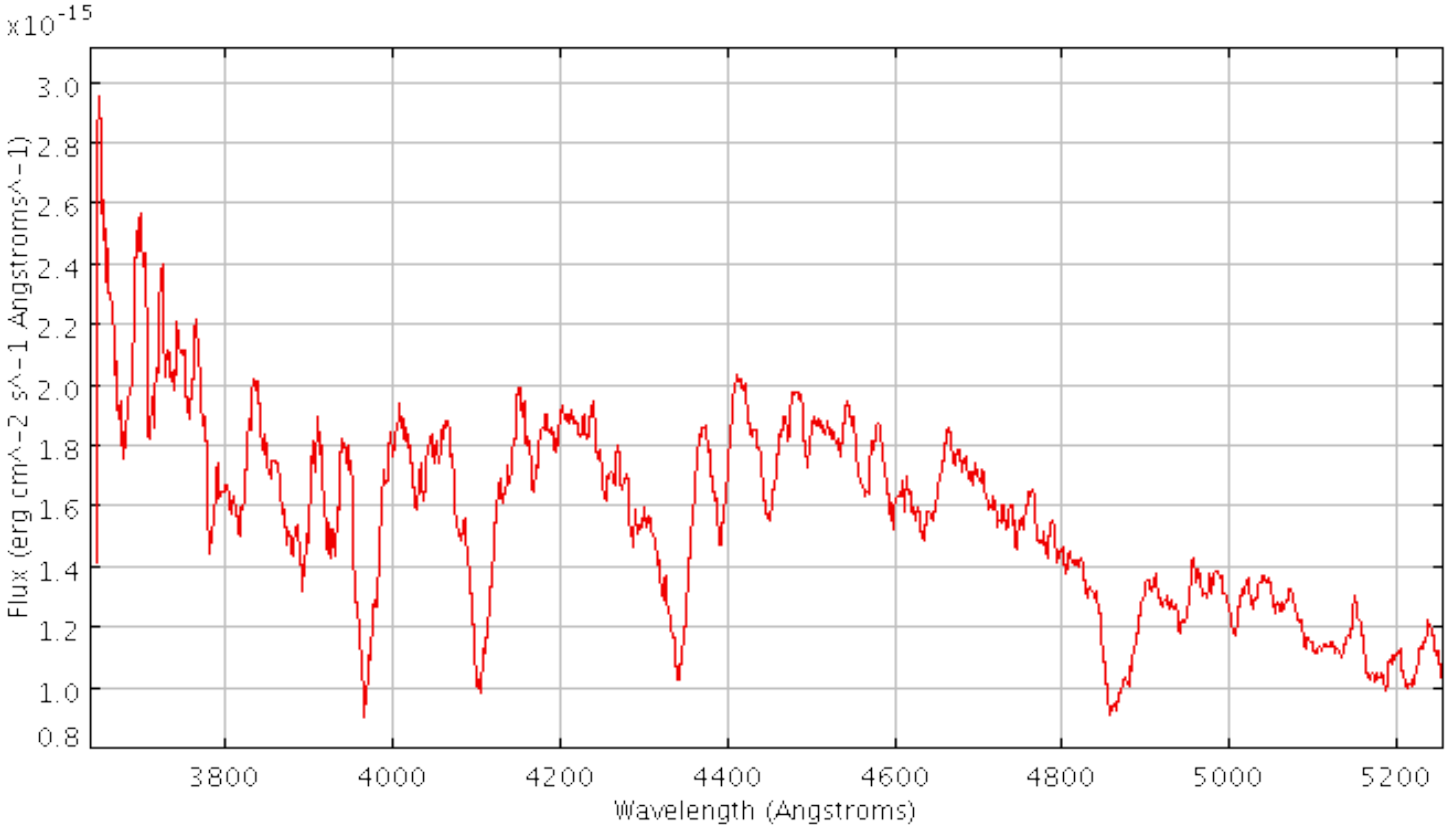
Dataset

- CTIO 1.5m
- January 2013
- WD Candidates $\approx$ 35

Reduction Methods

- IRAF Spectroscopy Packages
- ccdproc
- apall

SSSJ034018-3015



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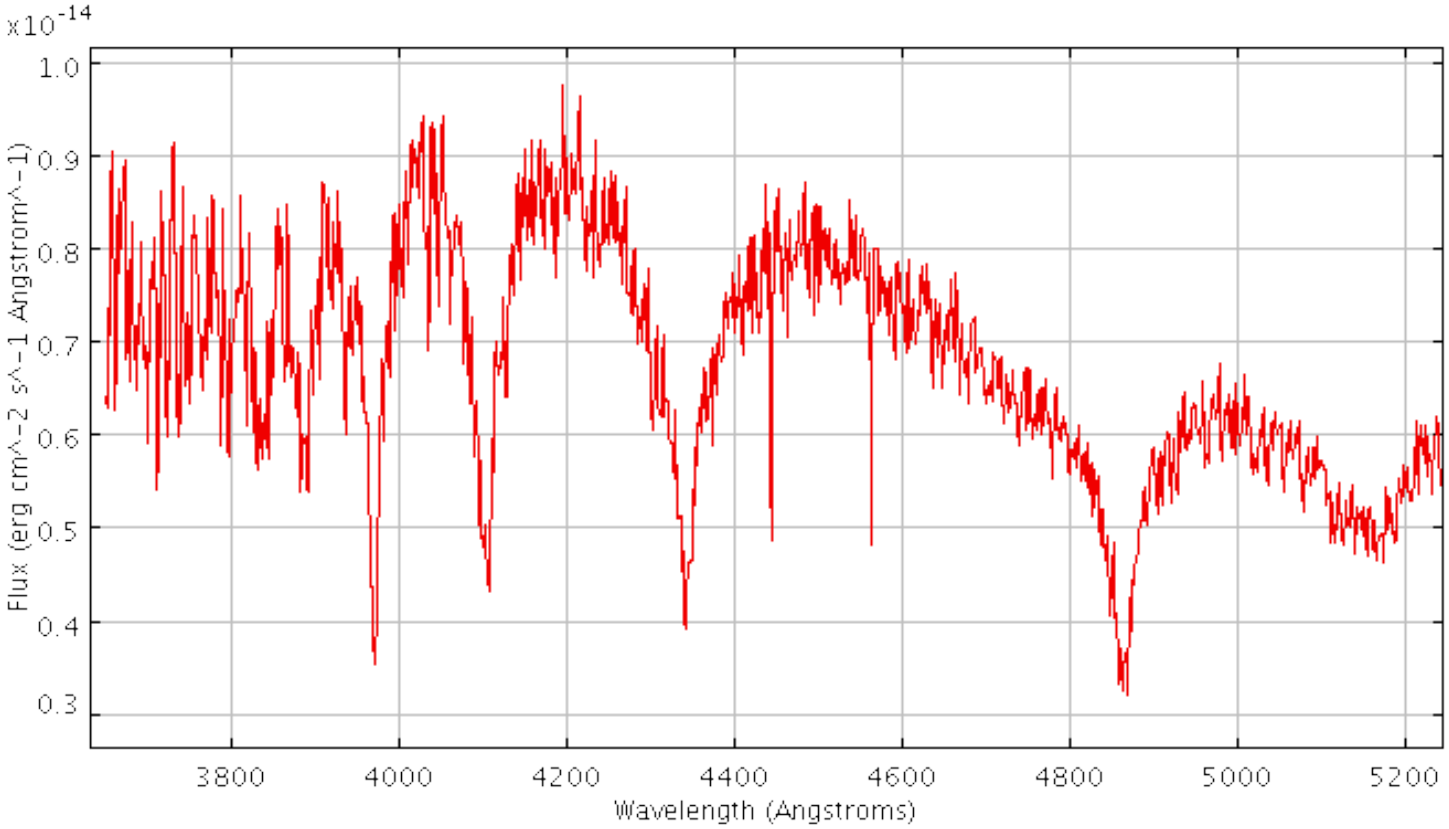

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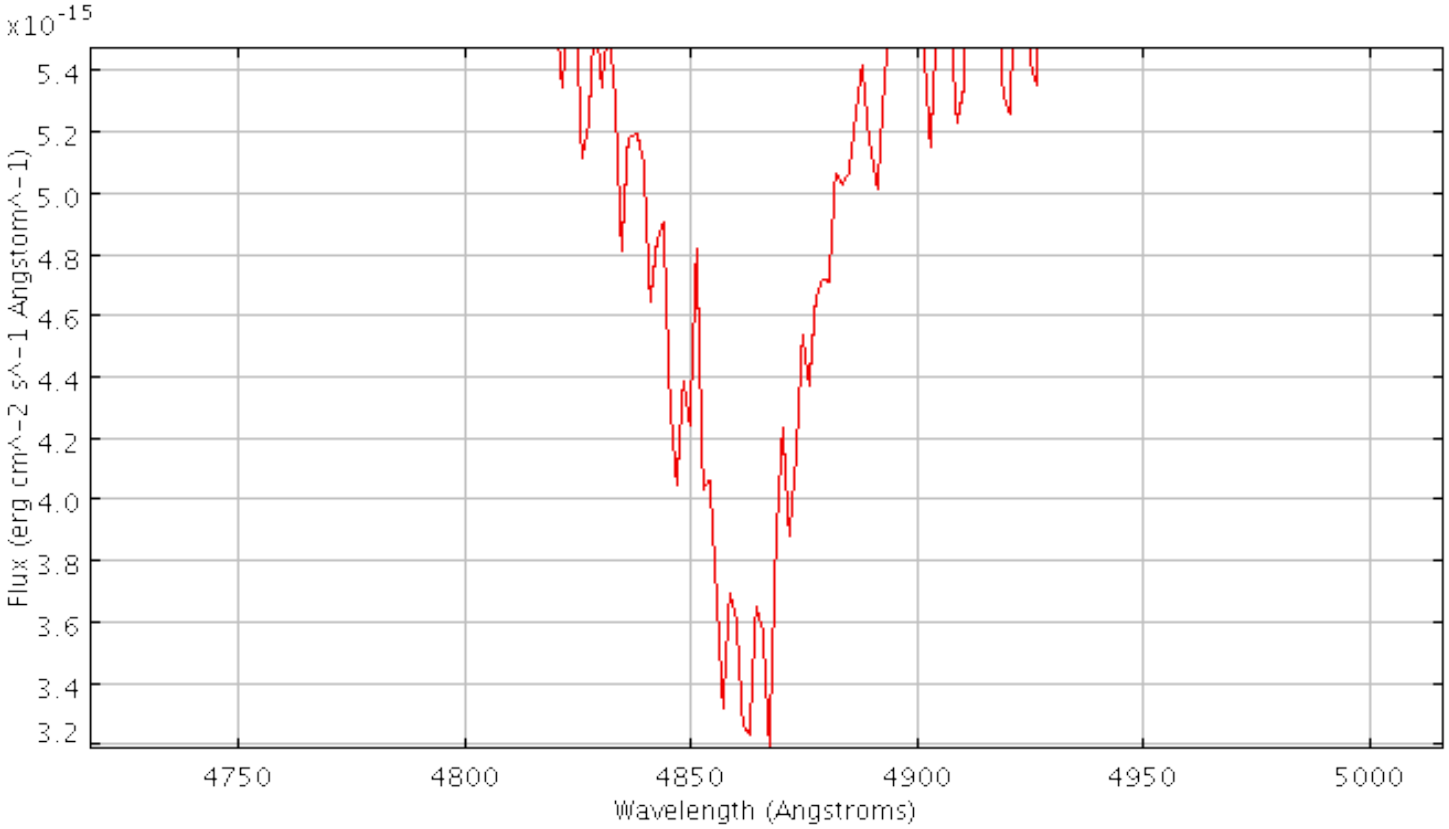

Future Work

CTIO Dataset

- doslit

APO Dataset

- Distools