TheCannon Documentation

Release 0.3.4

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THECANNON

This is the code associated with *The Cannon*, a new data-driven method for determining stellar labels (physical parameters and chemical abundances) from stellar spectra in the context of vast spectroscopic surveys. It closely follows the method outlined in Ness et al. 2015, although some minor changes have been made. A list of these changes can be found in Ho et al. (in prep.)

1.1 Authors

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1.2 License and Citation

A condition on using this code for any academic purpose is citation of Ness et al. 2015 (arXiv:1501.07604) and Ho et al. (in preparation).

1.3 Projects

- Cross-calibration of APOGEE and LAMOST: putting LAMOST spectra onto the

APOGEE parameter scale.

CHAPTER

TWO

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