

Abstract

**Nathaniel Kerman's Thesis:
Improving the Wavelength Calibration for the EXPRES Spectrometer**

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We present a new and improved catalog of Thorium and Argon (ThAr) lines to allow the tighter characterization of EXPRES'

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Improving the Wavelength Calibration for the EXPRES Spectrometer

Presented to the Astronomy Department
of
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by
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Acknowledgments

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I am deeply indebted to the continuous research advice and help I received from Dr. Debra Fischer and Ryan Petersburg, as well as the help and advice from Lily Zhao.

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Introduction and Motivation

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 - Exoplanet Detection via the RV method

Chapter 2

Wavelength Calibration

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