
Subject: Wavelength Calibration
Posted by [Gray](#) on Fri, 22 Jul 2011 19:08:21 GMT
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Hi all,

I've been beating my head against the wall trying to get this to work for two days... so I figured I'd head on over here and see if anyone could help.

I'm trying to perform wavelength calibration for my near-infrared spectrum (2-2.4 microns). My tools:

- 1) A Neon-Argon arc lamp spectrum.
- 2) A list of NIR lines for Neon and Argon.

Any suggestions? Thanks in advance!

--Gray

Subject: Re: Wavelength Calibration
Posted by [Brian Wolven](#) on Wed, 10 Aug 2011 19:13:02 GMT
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If you could generate an initial guess at a pseudo-spectrum from the line list you might then try cross-correlating it with the observed spectrum (perhaps in multiple regions or "windows"), then refine and repeat as necessary.
