Subject: Re: reconstructing iraf spectra?
Posted by Christopher Thom on Tue, 07 Apr 2009 19:02:37 GMT

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Quoth wlandsman:

> On Apr 7, 12:00 pm, Christopher Thom <ct...@oddjob.uchicago.edu>
> wrote:
>> Hi all,
>>
>> I wonder if anyone in the astro-IDL community has code that reconstructs
>> wavelength information from an iraf-style FITS header? I have some echelle
>> spectra with many orders per file. The FITS header has a series of
>> polynomial coefficients the iraf uses to construct its wavelength
>> information. I thought I'd check to see if anyone has written code that
>> converts this header to wavelength arrays, before I write it myself?
>>
>> cheers
>> chris
>
> I haven't used them but you might look at C. Allende Prieto's IDL code
> for reading IRAF-formatted echelle spectra at
> http://hebe.as.utexas.edu/stools/

Looks like this will do the trick, with a few minor tweaks.

cheers
chris