Subject: Re: Reading Raw Image
Posted by JD Smith on Thu, 20 Sep 2007 18:49:55 GMT

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On Thu, 20 Sep 2007 14:47:11 +0000, rpertaub@gmail.com wrote:

> Hello,
> I have a .raw image file from a lumenera camera that I am trying to
> open. It is a 10-bit image (1280x1024). The total bytes is 7864320
> (1280x1024x6) (not sure why that is).
> I tried using read_binary with data_dims =[1280,1024] but the image is
> just snowy...not what I expect to see.
> Can anyone help me with this?
> thanks,

Definitely try out DCRAW. I used it to convert some Nikon .NEF raw files
to linear 16bit TIFFs, and then analyzed the linearity of the CCD
detectors (really impressively good!).

 http://turtle.as.arizona.edu/im/mdr16/linearity.html

I even wrote a 16bit dynamic range extender tool in IDL, which you can
find here:

 http://turtle.as.arizona.edu/im/mdr16/

JD