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Subject: Re: how to read/display an image like it's done in ENVI?

Posted by [Hassan](#) on Tue, 29 Dec 2009 11:05:03 GMT

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On Dec 29, 1:10 am, David Fanning <n...@dfanning.com> wrote:

> Hassan writes:

>> I have an multi-band image [488,290,62] and opened it in ENVI. I need  
>> to work with a particular pixel for example pixel with column 300 and  
>> row 160 in band 1. after importing the image in IDL, i couldnt find  
>> the pixel.

>> print, image[300,160,0] >>> it shows me a pixel value that is  
>> different with the one is shown in ENVI

>> I flipped the image (using reverse function) and consider it starts  
>> with column=0 and row=0 in IDL but still couldnt find the pixel.

>> image=reverse[image,2]

>> print, image[299,159]

>

>> I'm not sure if I describe the problem clearly so please let me know  
>> if you need more explanation.

>

> ENVI uses an indexing system that starts at [1,1],  
> rather than the [0,0] of IDL. Could that be the  
> problem?

>

> Cheers,

>

> David

>

> --

> David Fanning, Ph.D.

> Fanning Software Consulting, Inc.

> Coyote's Guide to IDL Programming:<http://www.dfanning.com/>

> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Hi David,

No, I took that into account as well for example if the pixel value of  
the position [300,160,0]/[column,row,band] the equivalent pixel in the  
flipped image in IDL should be [299,160,0] but the pixel value doesn't  
match.

Thanks

Hasan

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