
Subject: Re: Envi band math help!

Posted by [tianyf_cn](#) on Sun, 13 Jul 2003 01:03:03 GMT

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If your array is not very large, I suggest that you use IDL procedure to print the single pixel value of b1. It a good choice to perform math operations on each pixel of b1 by ENVI Band Math Tool.

I tested the second example, and found that ENVI first do some tests on the specified expression. It generates a random 5*5 array to test the math expression and then use ENVI TILE to cycle the calculation. When you type the expression in band math tool:

example(b1)
and click the OK button, it first executes the example.pro by using the random array(5*5).

You can set a breakpoint in you math function to see how it works.

Tian.

gauravjn123@yahoo.co.in (Gaurav) wrote in message
news:<d193b5fb.0307110209.5ab0ce0c@posting.google.com>...

> Hi!

> I have this strange problem...i have written one band math function
> to print the band value at the location 30,30 but it doesnt work. And
> the same function if written for location 4,4 ...works fine! Here are
> the functions:

>
> 1.function example,b1

> help,b1
> print,b1(30,30)
> end

> 2.function example,b1
> help,b1
> print,b1(4,4)
> end

> And strangely enuf...in the second example, the value b1(4,4)
> is printed 4 times & the value printed final time is the right
> value. The help command outputs that the array is of size[5,5] in the
> initial 3 times. Only after that in the final turn does it output the
> right dimesnions that is 608*673

>
> Could anyone please enlighten me....it has been bugging me for many
> days!
> Thnx in advance

>
> Gaurav

Subject: Re: Envi band math help!

Posted by [gauravjn123](#) on Mon, 14 Jul 2003 20:12:02 GMT

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Hi!

Well even i had felt the same...And therefore i also tried to use a procedure to output those pixel values...but unfortunately i was not able to use the envi widgets to input the five bands in an image...so i reverted back to band math functions for it.

If it is not possible to output a single pixel value using functions, could you please tell me how to input the band values using a procedure (Could you please give me a sample procedure to input 5 bands in an image)

Thanking you in advance.

Gaurav Jain

ENST-Bretagne

tianyf_cn@yahoo.com.cn (TIAN Yunfeng) wrote in message news:<42e9d2cb.0307121703.8a0229c@posting.google.com>...

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