
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
