
Subject: Re: I have a problem with ENVI's Band Math Tool and functions written by me.

Posted by [tianyf_cn](#) on Mon, 23 Feb 2004 01:16:50 GMT

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wl2776@yandex.ru (wl) wrote in message
news:<1c9e5a19.0402190718.6cd9ec66@posting.google.com>...

> I have a function:

>

> function xlorofil, b1, b2

> if (b2 ne 0) then begin

~~~~~

ENVI regards it as a variable (not a 2-d array).

I recommend you to use WHERE function to find the subscripts of nonzero pixels and then perform calculations.

Regard,

Tian.

> return, 0.88\*(b1/float(b2))<sup>(-2.26)</sup>

> endif else begin

> return, -2

> endelse

> end

>

> It is situated in the file in save\_add directory.

> On startup idlde writes that this module was compiled successfully.

>

> When I try to use it in Band Math

>

> xlorofil(b1,b2)

>

> I get a message saying that I have entered an invalid expression.

>

> However command

>

> print, xlorofil(1,2)

>

> executed from the command line of idlde, works fine.

>

> And the expression

>

> xlorofil(b1,2)

>

> is accepted by the Band Math tool.

- >
  - > Where is the problem?
  - > Why cannot I execute my function on two image bands?
-