
Subject: Re: divide image envi-idl
Posted by [jeanh](#) on Tue, 18 May 2010 19:03:07 GMT
[View Forum Message](#) <> [Reply to Message](#)

On 18/05/2010 1:50 PM, tonino wrote:

> Thank you very much Jean,
>
> I'm sure those advices will be useful for the next step. For now, the
> problem concerns the line :
>
> result = image[i:i+((NSimage/5)-1),j:j+((NLimage/2)-1),0:NBimage-1]
>
> the error message is :
>
> Subscript range values of the form low:high must be >= 0, < size, with
> low <= high: IMAGE.
> % Execution halted at: TUILAGE 18 C:\Documents and Settings
> \Administrateur\Mes documents\tuilage.pro

try to print these values... It is probably happening for your last i
and/or j in the loop. Are you sure that NS is a multiple of 5 and NL of
2? if not, you can prepare your index before doing the subscript:

```
subNS = (i+((NSimage/5)-1)) < (NSimage-1)
subNL = (j+((NLimage/2)-1)) < (NLimage-1)
result = image[i:subNS,j:subNL,0:NBimage-1]
```

be sure, when you save the result with `envi_write_envi_file`, to compute
the proper ns and nl!

Jean

>
> and it still comes if I change the data type or if I transform the
> variable 'result' into a float array...
>
> I think I don't write the terms of the loop properly
>
> ... if you have an idea.
>
> thanks again for your answer
> nestonino
