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Subject: summation of bands

Posted by [PRABHJOT KAUR](#) on Thu, 05 May 2011 05:42:15 GMT

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I have to do summation or integration of 37 bands of an hyperspectral image in IDL to get final none output image. I tried with total command but its not giving any result. Please help me as I am new in this field.

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Subject: Re: summation of bands

Posted by [corinnefrey](#) on Fri, 13 May 2011 11:09:14 GMT

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Hi

try something like this

```
outdata = yourdata[*,* ,0]
```

```
FOR i = 1, N_ELEMENTS(yourdata[0,0,*]) -1 DO BEGIN  
  outdata = outdata + yourdata[*,* ,i]  
ENDFOR
```

maybe there is a faster way to do it, but i am not aware of.

cheers,  
corinne

On 5 Mai, 07:42, PRABHJOT KAUR <prabh....@gmail.com> wrote:

> I have to do summation or integration of 37 bands of an hyperspectral  
> image in IDL to get final none output image. I tried with total  
> command but its not giving any result. Please help me as I am new in  
> this field.

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Subject: Re: summation of bands

Posted by [Gray](#) on Fri, 13 May 2011 11:14:56 GMT

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On May 13, 7:09 am, Corinne <corinnef...@gmail.com> wrote:

> Hi  
>  
> try something like this  
>

```
> outdata = yourdata[:,*,0]
>
> FOR i = 1, N_ELEMENTS(yourdata[0,0,*]) -1 DO BEGIN
>   outdata = outdata + yourdata[:,*,i]
> ENDFOR
>
> maybe there is a faster way to do it, but i am not aware of.
>
> cheers,
> corinne
>
> On 5 Mai, 07:42, PRABHJOT KAUR <prabh....@gmail.com> wrote:
>
>
>
>
>
>
>
>
>> I have to do summation or integration of 37 bands of an hyperspectral
>> image in IDL to get final none output image. I tried with total
>> command but its not giving any result. Please help me as I am new in
>> this field.
```

```
outdata = total(yourdata,3)
```

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Subject: Re: summation of bands  
Posted by [Eben Broadbent](#) on Sat, 23 Jul 2011 18:59:41 GMT  
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thanks worked perfect with specifying the third dimension

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