Subject: Re: array summation
Posted by wlandsman on Tue, 19 Jul 2016 17:59:48 GMT
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On Tuesday, July 19, 2016 at 1:41:07 PM UTC-4, AGW wrote:
> On Tuesday, July 19, 2016 at 3:45:12 PM UTC+2, AGW wrote:
>> Hi,
>> my IDL program as
>>
>> file='c:\a.sav'
>> restore,file,/st
>>
>> V=[12,55,44,88,99]
>>
>> x=sT[500,1000,15,0]   ; it is an image
>>
>> y=sT[500,1000,15,2] ; it is an image
>>
>> I want to make
>>
>> z=SUM(v*[x+y])
>>
>>
>> I want to result of z array as [500,1000,15,1], How can I do it ?
>
> OK, x=sT[0:499,0:999,15,0] & x=sT[0:499,0:999,15,2]

OK so it appears that ST is a 4 dimensional array
and now X and Y are 2d images

Now what exactly do you want to do?

>> I want to make
>>
>> z=SUM(v*[x+y])

So you add X and Y to make another 2d image, and then you want to multiply by the 5 element
vector v?