
Subject: Re: Adding a stack of array in quadrature sum
Posted by [David Fanning](#) on Sat, 14 Mar 2009 16:54:50 GMT
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joerhee@gmail.com writes:

> I'm working on a stack of image array in which I need to calculate
> quadrature sum of each pixel. I'd like to know if there is any
> program that does it or if anybody know an efficient way to do it.

Assuming that a "quadrature sum" is the square root
of the sum of the squares, I think something like this
would work:

```
qsum = SQRT( Total(stack^2, 3) )
```

This assumes that the third dimension is the number of
images in the stack.

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: Adding a stack of array in quadrature sum
Posted by [joerhee](#) on Fri, 24 Apr 2009 20:02:32 GMT
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On Mar 14, 9:54 am, David Fanning <n...@dfanning.com> wrote:

> joer...@gmail.com writes:
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Thank you so much!
That was exactly what I needed.

Joseph
