
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:

>> 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.")

Thank you so much!

That was exactly what I needed.

Joseph
