
Subject: Re: Gradient idl

Posted by [Jeremy Bailin](#) on Wed, 11 Mar 2015 15:41:50 GMT

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> I am interested in the magnitude of the gradient
>
> Result_xy=sqrt(result_x^2 +result_y^2)
> right ?

Yes.

> I looked at the following function but it does not handle missing data

Yes, that code is effectively doing the same thing. It's probably faster because SHIFT is fast compared to CONVOL. But it's definitely easier to get CONVOL to deal with missing data, so in your case I think it would be better.

-Jeremy.
