
Subject: Derivative

Posted by [wxf](#) on Tue, 01 Jul 2008 18:58:29 GMT

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I have a 2-D array (a image) A. I want to know its partial derivatives along X direction and Y direction.

$dA(x,y)/dx=B$

$dA(x,y)/dy=C$

B and C should also be 2-D array.

I want to know if IDL has some function or operator can do this job directly.

If it has not those I wanted, then I must write some program according to "Spline and Lagrange".

I am not a foolish boy. But I am a lazy boy.

Who can tell me if IDL can do this job for me?

Thanks!
