
Subject: Re: Derivative

Posted by [Vince Hradil](#) on Tue, 01 Jul 2008 19:05:38 GMT

[View Forum Message](#) <> [Reply to Message](#)

On Jul 1, 1:58 pm, w...@bao.ac.cn wrote:

- > 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!

have you tried `deriv()`? Have you tried:
IDL> ?
