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Subject: Re: Calculate gradient

Posted by [Kenneth P. Bowman](#) on Sun, 14 Mar 2010 17:16:55 GMT

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In article

<32fa95d5-4856-4847-9f28-cfcac9ad4348@t20g2000yqe.googlegroups.com>, mslarkin <enhlwang@gmail.com> wrote:

- > Hi IDL experts,
- > I have a 2-D array (2708x4060), containing reflectance data. Is it
- > possible to calculate the reflectance gradient (i.e. the rate of
- > reflectance change over distance or array grid) throughout the array,
- > lines)?
- > Thank you very much for your help!
- > IDL beginner

You need to be clearer. The gradient is a vector quantity. Do you want to plot isopleths of the magnitude of the gradient?

Ken Bowman

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