Subject: Re: Gradient of an Image
Posted by meron on Fri, 24 Jan 2003 07:05:43 GMT
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In article <3E30D896.7000602@ee.uwa.edu.au>, Thomas Gutzler <tgutzler@ee.uwa.edu.au> writes:
> Hi,
>
> is it true that IDL currently has no function to calculate the gradient
> of an image ?
> Google found this for me:
> http://groups.google.com/groups?q=gradient+image+group:comp.lang.idl-pvwave&hl=en&lr=&ie=UTF-8&oe=UTF-8&selm=3396D128.4CE0%40dlr.de&rnum=1
> and I am about to test, if this is doing the same as "Digital Image
> Processing" by Gonzales/Woods sais on page 418ff.
> Would be interesting to know, if anybody else has diffent (quicker?)
> solutions.
>
If it is just the absolute value of the gradient you're after, then
I've a function like this (written many years ago). And it can easily
be modified to split the components of the gradient. The function is
called ABGRAD and you'll find it in the IDL users contributions page,
in my library (MIDL).

Mati Meron | "When you argue with a fool,
meron@cars.uchicago.edu | chances are he is doing just the same"