Subject: Re: How to detect edge of an image in IDL?
Posted by Johan Marais on Fri, 25 Jul 2003 14:14:50 GMT
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Are you stil looking for a way how dto do it?
Johan Marais

"David Fanning" <david@dfanning.com> wrote in message
news:MPG.1969e88c1ca66c54989694@news.frii.com...
> TIAN Yunfeng writes:
>
>> I wonder if there are routines doing edge detection in IDL. I look
>> through the IDL Online Help, and only find two simple edge enhancement
>> functions (sobel & roberts). I want to use Gauss-Laplacian or Canny
>> edge operators to get binary edge images. Does someone have any ideas?
>
> You can use the CONVOL function to implement Laplacian
> edge detection in IDL. You can find a very simple
> example of using Laplacian edge detection to sharpen
> an image in this article:
>
>   http://www.dfanning.com/ip_tips/sharpen.html
>
> I've never used a Canny filter in IDL, but I think
> it could be created if you can't find someone who
> has already done it. I suspect both the Gauss-Lbplacian
> and the Canny filters are two step processes in which
> a gaussian filter is applied, followed by the Laplacian.
> You ought to be able to do both with the CONVOL function.
>
> Cheers,
>
> David
>
> --
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