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Subject: Re: Convolution, IDL & Numerical Recipes  
Posted by [David Fanning](#) on Fri, 01 Nov 2002 20:14:47 GMT  
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R.G. Stockwell (sorry@noemail.now) writes:

>> Which would I use if I'm trying to make a pretty image? :-)  
>  
> I suggest running all possible permutations of the keywords, and  
> selecting the one that matches the textbook examples :)

Well, I can assure you that if you want to sharpen an image,  
that setting the CENTER keyword correctly is critical. :-)

Here are some images and the code I used to make them,  
so you can see for yourselves. You definitely want a  
convolution, not a correlation, which is just the opposite  
of what MatLab wants, or.... Oh, hell, I'm confused again.  
Where are those aspirin!?

[http://www.dfanning.com/test/center\\_1.jpg](http://www.dfanning.com/test/center_1.jpg)  
[http://www.dfanning.com/test/center\\_1.jpg](http://www.dfanning.com/test/center_1.jpg)  
<http://www.dfanning.com/test/sharpen.pro>

Cheers,

David

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