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Subject: Index of a sector

Posted by [Pavel A. Romashkin](#) on Wed, 04 Apr 2001 23:18:11 GMT

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Hi,

I tried to solve this yesterday, but it gave me a headache. I tried again today, but the headache is back and I did not get any closer to the solution. It is very simple. Well after all, what can you ask from a Mac user.

If you have a (square) 2D array, let's say, DIST(200, 200), how to obtain the index of points enclosed by a sector of a given radius, drawn from the corner of the array (point [0, 0])? For instance, radius 50? So, I will have

0,1,2,...50  
101,102,...,149 (or so)  
201,202,...  
...  
501,...?

I thought to try to cut all corners and use IDLanROI, but for some reason, I think that JD or Craig have the answer ready. Besides, David tried anROI... how can I dream of succeeding where the Titan (read: Coyote) failed?

Thanks,  
Pavel

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