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Subject: Re: extract points of acircle

Posted by [Ali Gamal](#) on Thu, 18 Aug 2016 14:30:16 GMT

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On Tuesday, August 16, 2016 at 5:21:20 PM UTC+2, AGW wrote:

> Hi,  
> I want to plot four circles on picture then extract mean x,y for every circle  
> I use this program.  
>  
> ;\*\*\*\*\*  
> FUNCTION CIRCLE, xcenter, ycenter, radius  
> points = (2 \* !PI / 99.0) \* FINDGEN(100)  
> x = xcenter + radius \* COS(points )  
> y = ycenter + radius \* SIN(points )  
> RETURN, TRANSPOSE([[x],[y]])  
> END  
>  
> restore,file='sm.csv' ;/v  
> sm1=sm[\*,\*,5]  
> window,0,xs=999,ys=512  
> tvscl,sm1  
>  
> n=5  
> for i=0,n-1 do begin  
> radius=10\*i  
> pp=circle(200,352,radius)  
> cgPlotS, pp,color='red',thick=2.0, /Device  
>  
> ;\*\*\*\*\*  
>  
> at this point no problem, I want to print mean(x,y) for every circle  
>  
> how can I do it ?  
>  
> help, please

every point in circle have a coordinates x,y, I want to extract this coordinates for every circle

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