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Subject: Re: Iso-contours at maximum/minimum levels  
Posted by [David Fanning](#) on Thu, 29 Jan 2009 16:15:05 GMT  
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Gianluca Li Causi writes:

> In order to find the iso-value lines of a 2D surface I'm using the  
> CONTOUR procedure, which works very well except that it's NOT ABLE to  
> compute the contour when the LEVEL equals the maximum or minimum of  
> the function.  
>  
> I've the following simple fuction:  
> Z = shift(dist(100, 100), 50,50)  
> Z = abs(Z - max(Z)\*.3)  
> which have a circular minimum at LEVEL=0, but CONTOUR is unable to  
> find it!

Wow! That is one perverse example!

Let me know what you come up with. I'll include it in  
the Monsters of IDL Exhibit I'm planning. :-)

Cheers,

David

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Sepore ma de ni thui. ("Perhaps thou speakest truth.")

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