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Subject: Iso-contours at maximum/minimum levels

Posted by [Gianluca Li Causi](#) on Thu, 29 Jan 2009 15:56:01 GMT

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Hello,

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!

Do you know how I can do?

Thanks

Gianluca

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