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Subject: Re: Problem with labeling contour lines in IDL  
Posted by [ed.schmahl](#) on Wed, 04 Mar 2009 20:34:46 GMT  
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On Mar 4, 7:10 am, David Fanning <n...@dfanning.com> wrote:  
> Nusret Sevin writes:  
>> I have a problem with labeling contour lines in IDL:  
>> ...  
>> Is there a way that I can force IDL to put labels on nonlinear parts?  
>  
> You have almost no control over contour line labeling  
> in IDL direct graphics. If you want control, you are  
> going to have to switch to object graphics. If I were  
> going to do this, I would start with something like  
> XContour, which is very old and needs to be updated,  
> but which has many of the parts you will need already  
> in place. Perhaps you can update it for the rest of us. :-)  
>  
> <http://www.dfanning.com/programs/xcontour.pro>

Nusret, David,

Maybe I'm doing something different, but this little script in Direct Graphics seems to produce nonlinear annotation almost correctly:

```
d=shift(dist(100),50,50)
g=exp(-d^2/400)
c_annotat=['0.1','0.2','0.4','0.8','1.6','3','6','12','25','50','98']
lev = max(g)* float(c_annotat)/100.
contour,g,c_annot=c_annotat,lev=lev
```

The only thing wrong that I can see is that the .98 label doesn't appear, but all the other contours are labeled properly.

Ed Schmahl

>  
> Cheers,  
>  
> David  
> --  
> David Fanning, Ph.D.  
> Fanning Software Consulting, Inc.  
> Coyote's Guide to IDL Programming:<http://www.dfanning.com/>  
> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

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