
Subject: how to get the data from the contour line?
Posted by [lixiaoyao](#) on Wed, 20 Apr 2005 01:36:24 GMT
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hello all

I have a file like this to draw the contour using IDL. my problem is
how to get the data for the contour level is equal to 1.2 case?
who can help me for this question?

```
set_plot,'ps',/copy
device,filename='isothermal.ps'
device,/landscape
;window,xs=640,ys=480
x=2*findgen(101)/100+0.2
y=2*findgen(101)/100+0.2
xx=rebin(x,n_elements(x),n_elements(y))
yy=rebin(transpose(y),n_elements(x),n_elements(y))
;shade_surf,(exp(2*log(yy)+1/yy))/(exp(xx^2)-log(xx)),xx,y y
;contour,(exp(2*log(yy)+1/yy))/(exp(xx^2)-log(xx)),yy,xx
shade_surf,exp(xx^2/2-log(xx))/(exp(2*log(yy)+1/yy)),yy,xx ,xtitle= "Dimensionless
Radius in log scale",ytitle="Mach number in log scale"
contour,exp(xx^2/2-log(xx))/(exp(2*log(yy)+1/yy)),yy,xx,le
vel=[0.4,0.6,0.892521,1.2,1.4],/xlog,/ylog,xtitle= "Dimensionless
Radius",ytitle="Mach number",title="Isothermal case"
```
