
Subject: Re: Contour Issues... Help please
Posted by [kishore1818](#) on Mon, 15 Sep 2008 18:26:03 GMT
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On Sep 11, 3:01 pm, plim.dream...@gmail.com wrote:

> Greetings all!
> It has been a while since I last posted here, for me that's a good
> sign.
>
> Contour plots have always been full of issues. Contour plots and
> "histogram"... It's like the user wants to do one thing and the
> program wants to do another...
>
> I have a set of irregularly distributed sources. 2 dimensional space.
> x, y.
> I would like to plot a contour of their density distribution. So I
> figured, i'll use hist_2d to grid the space into bins of 0.1 by 0.1
> and then contour plot the result.
>
> result =
> hist_2d(hmk,jmh,bin1=0.1,bin2=0.1,max1=max(hmk),max2=max(jmh),
> min1=min(hmk), min2=min(jmh))
>
> levels = 30
> step=(max(result)-min(result))/levels
> userlevels=indgen(levels)*step + min(result)
> contour,result,levels=userlevels,background=1,color=black,xs tyle=1,ystyle=1
>
> Right?! Anybody see any major error thus far?
> The thing is that the contour plot comes out with its axis ranging
> from 0 to 50 whereas the input data only ranges from -1 to 4. And I
> can't figure out why.
>
> Any help is greatly appreciated,
> Plim

Hi

In your contour program you missed some params.

For example

```
contour,Z(dim1,dim2),x(dim1),y(dim2),levels=lvls,position=po  
s1,xrange=[limit1,limit2],thick=3,xsty=1,ysty=1,charsize=0.9 ,/  
follow
```

just follow above method.

Kishore
