
Subject: Re: Contour Issues... Help please
Posted by [leon.wars](#) on Thu, 16 Oct 2008 14:04:09 GMT
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On 15 sep, 20:26, kishore1...@gmail.com wrote:

> 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,xstyle=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,xstyle=1,ystyle=1,charsize=0.9 ,/

> follow

>

> just follow above method.

>
> Kishore

Hi !

What do you mean with dim1 and dim2?

I have two vectors both with 9125 elements. After hist_2d, I get an array of [24,15].

When I'm trying to plot the contours of the array mentioned above the axis are ranging in different scales. Could you help me?

thanks and have a nice day!
