## Subject: Re: Contour Issues... Help please Posted by leon.wars on Thu, 16 Oct 2008 14:04:09 GMT View Forum Message <> Reply to Message

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, V. >> 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

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 triying 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!