
Subject: iContour

Posted by [Giorgos](#) on Sat, 30 Apr 2005 07:18:49 GMT

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I have the following problem...

I have three 2-D arrays I want to make a contour using iTool...

anything goes well...but the only problem I face is that in the axis it does not show the original values contained inside the arrays but just the position of them....how can I solve this problem?

I want in the axis the original values to be contained.

If I do the contour using idl only I face no problem...but when using iContour this problem arises...

Subject: Re: iContour

Posted by [Chris\[2\]](#) on Tue, 03 May 2005 15:52:31 GMT

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Hi Giorgos,

I guess I don't understand your problem. Can you give some code examples, both in direct graphics (where you say it works fine), and in iTools code?

Thanks.

-Chris

"Giorgos" <G.Aloizos@gmail.com> wrote in message

news:1114845528.992236.219740@o13g2000cwo.googlegroups.com.. .

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Subject: Re: iContour

Posted by [Giorgos](#) on Wed, 04 May 2005 13:47:04 GMT

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Hi again...

The problem is simple....sorry for not explaining well.

I have 3 arrays : 2 of them are float 2-D arrays and another one 2-D

integer array.

So I want to have the integer array values in my x-axis and one of the other 2 in my y -axis having the last one set in the z_axis.

When I do the contour in idl I can make the graph that I want and the axis take the value that is contained inside each cell of the array...meaning for example if array[9] = 3 then in my axis I have the number 3but when I do the same provedure using the itool having the same arrays as variables in my axes I see for this example the value 9.

CODE EXAMPLE: contour, z, x, y where x, the integer 2_D array and z and y 2_D float arrays... IDL operates exaxlty as it is supposed...but id I load the same variables using icontour and try to do the contour in the axis I see only the numbers showing the columns of the x-axis and the the rows of the y-axis indicating positions and not the actual values incide the cells of these arrays.

Chris Torrence wrote:

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Subject: Re: iContour

Posted by [Chris\[2\]](#) on Thu, 05 May 2005 15:32:54 GMT

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Hi Giorgos,

I tried the following in IDL6.1:

```
x=findgen(100)/10
y=findgen(1,100)*100
iContour,hanning(100,100),rebin(x,100,100),rebin(y,100,100)
```

You are correct. It doesn't honor the X and Y parameters.
However, this has been fixed for IDL6.2.

-Chris
RSI

"Giorgos" <G.Aloizos@gmail.com> wrote in message
news:1115214424.499743.228720@o13g2000cwo.googlegroups.com.. .

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