
Subject: Re: Do you want to make a scatter plot of the square should I do if there?
Posted by chris_torrence@NOSPAM on Wed, 30 Sep 2015 14:45:30 GMT
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On Wednesday, September 30, 2015 at 2:03:43 AM UTC-6, Helder wrote:

```
>> I am making a program using the IDL.
>> I want to make a scatter plot of the square, but the scatter plot of the rectangle is output.
>> To make a scatter plot of the square, How do you rewrite this program?
>> Please tell me someone.
>>
>> ;Program
>> pro scatter1
>>
>> x1 = fltarr(3600,1200)
>> y1 = fltarr(3600,1200)
>> mvk = fltarr(3600,1200)
>> nrt = fltarr(3600,1200)
>>
>> fname1='C:\Users\yamamoto\Desktop\mvk_20140430.txt'
>> fname2='C:\Users\yamamoto\Desktop\nrt_20140430.txt'
>> openr,1,fname1
>> openr,2,fname2
>> readf,1,x1
>> readf,2,y1
>>
>> plot,x1,y1,xrange=[0,2000],yrange=[0,2000],color='000000'XL,
background='FFFFFF'XL,psym=2,title='20140430 precipitation',xtitle='mvk precipitation
[mm]',ytitle='nrt precipitation [mm]'
>>
>> close, /all
>> end
>
> I'm not sure I understand your question, but does adding the keyword /ISOTROPIC to your plot
command solve your problem?
>
> plot,x1,y1,xrange=[0,2000],yrange=[0,2000],color='000000'XL,
background='FFFFFF'XL,psym=2,title='20140430 precipitation',xtitle='mvk precipitation
[mm]',ytitle='nrt precipitation [mm]', /ISOTROPIC
>
> Cheers,
> Helder
```

Or, in function graphics you can use the `aspect_ratio` keyword:

```
x1 = 2000*findgen(100)/100
y1 = 2000*randomu(seed,100)
p = plot(x1,y1,aspect_ratio=1, $
```

```
xrange=[0,2000],yrange=[0,2000],symbol='star',$  
title='20140430 precipitation',$  
xtitle='mvk precipitation [mm]',ytitle='nrt precipitation [mm]')
```

Cheers,
Chris
