Subject: Re: Beginner: Oplot line t^(-5/3)
Posted by David Fanning on Mon, 12 Nov 2012 16:37:32 GMT
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Charlie Paul D'auria writes:

> Please bear in mind that I am a complete IDL beginner so excuse any foolishness!
>
> I have managed to plot an XY graph with data plots.
>
> My problem lies with my next stage: I need to generate a line of gradient t^(-5/3) (then use oplot over my data).
>
> I get the error 'Attempt to subscript T with I is out of range.' and when I type print,line I only get one value for my line...
>
> Here is some code I was provided with as a guide, which I have modified slightly:
>
> line=dblarr(9999)
> n=1E-4
> t=dblarr(9999)
>
> for i=0,9999 do begin
> t(i)=i
> line=n*t(i)^(-5./3.)
> endfor
>
> I have used 9999 as 1E+5 was apparently too large, or something..

You need to find a better programming buddy. :-)

Try this, although I doubt this is what you really want:

```
line = (Dindgen(9999) + n)^(-5./3.)
```

Cheers,

David
--
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Coyote's Guide to IDL Programming: http://www.dfanning.com/
Sepore ma de ni thue. ("Perhaps thou speakest truth.")