
Subject: Re: Using delta functions to plot?

Posted by [Pavel A. Romashkin](#) on Thu, 08 Nov 2001 22:03:04 GMT

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Do you mean, like

PLOT, My_data

?

Basically, everything can be done in IDL.

P

Alok Singhal wrote:

>

> Hi

>

> I have some data which I want to plot using deltas. Can it be done in

> IDL?

>

> Thanks,

>

> Alok

Subject: Re: Using delta functions to plot?

Posted by [David Fanning](#) on Thu, 08 Nov 2001 22:20:03 GMT

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Pavel A. Romashkin (pavel.romashkin@noaa.gov) writes:

> Basically, everything can be done in IDL.

Well, you can't use the TV command in 24-bit Unix. :-)

But I think he was looking for ERRPLOT or OPLOTERR,
or something like that.

Cheers,

David

P.S. I don't know about you, but I could have
waited a couple of more weeks for IDL 5.5 if it
meant adding a Help file and support for basic
graphics commands. :-(

--

David W. Fanning, Ph.D.
Fanning Software Consulting
Phone: 970-221-0438, E-mail: david@dfanning.com
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
Toll-Free IDL Book Orders: 1-888-461-0155

Subject: Re: Using delta functions to plot?
Posted by [Robert Stockwell](#) on Thu, 08 Nov 2001 22:22:00 GMT
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Alok Singhal wrote:

> Hi
>
> I have some data which I want to plot using deltas. Can it be done in
> IDL?
>
> Thanks,
>
> Alok

how about triangles?

`plot,randomn(seed,10),psym=5`

Check out the help file for psym,
and perhaps a groups.google.com search for
user written psym functions. You can create
any symbol you want, if you write the
code to create it.

Cheers,
bob stockwell

Subject: Re: Using delta functions to plot?
Posted by [David Fanning](#) on Thu, 08 Nov 2001 22:26:53 GMT
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Robert Stockwell (rgs1967@hotmail.com) writes:

> Alok Singhal wrote:
>
>> I have some data which I want to plot using deltas. Can it be done in

>> IDL?
>
> how about triangles?
>
> plot,randomn(seed,10),psym=5
>
> Check out the help file for psym,
> and perhaps a groups.google.com search for
> user written psym functions. You can create
> any symbol you want, if you write the
> code to create it.

You guys are so literal. How about something like this?

```
IDL> XYOutS, x, y, 'delta'
```

Cheers,

David

--

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Subject: Re: Using delta functions to plot?
Posted by [Pavel A. Romashkin](#) on Thu, 08 Nov 2001 23:58:18 GMT
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David Fanning wrote:

>
> P.S. I don't know about you, but I could have
> waited a couple of more weeks for IDL 5.5 if it
> meant adding a Help file and support for basic
> graphics commands. :-(

Now, this is asking too much. Besides, who uses 24 bit Unix? And in direct graphics?

Pavel

P.S. Hey, this is a JOKE! I know that there are at least five-six people with 24 bit Linux, because the platform is supported by RSI. And I am the one of the two-three with a Mac, since we were dropped. Do you think

I got the profit margin accurately?

Subject: Re: Using delta functions to plot?

Posted by [Don J Lindler](#) on Fri, 09 Nov 2001 21:27:42 GMT

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"Alok Singhal" <alok_singhal@hotmail.com> wrote in message
news:slrn9ulvlg.f9p.alok_singhal@titan.astro.Virginia.EDU...

> Hi

>

> I have some data which I want to plot using deltas. Can it be done in
> IDL?

>

> Thanks,

>

> Alok

If by delta function you mean a verticle line from the x axis to the data
point, try:

```
plot, transpose([[x],[x],[x]]), transpose([[y*0],[y],[y*0]])
```

Don Lindler

lindler@rockit.gsfc.nasa.gov
