
Subject: Displaying data in 3 coodinates

Posted by [astib](#) on Fri, 13 Sep 2002 21:36:00 GMT

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Hi,

I have data in the form of 3 coordinates. i.e. it creates a point in each iteration of the loop - $P(x,y,z)$. All the plotting routines I saw require data in form of either vector or $z = F(x,y)$.

I was wondering if I use `errplot` and set z as error, would I be getting correct plot ?

I would appreciate if somebody can suggest a better way to do it; I am sure people would have done it before.

Thanks and regards,

Asti

Subject: Re: Displaying data in 3 coodinates

Posted by [Robert Moss](#) on Thu, 19 Sep 2002 17:29:45 GMT

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Or

`Y_arr = REPLICATE(Y, 1000)`

which I presume is slightly more efficient.

--

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"Pavel A. Romashkin" <pavel_romashkin@hotmail.com> wrote in message news:3D8A03C6.B86D2B35@hotmail.com...

> The simpliest way is to generate Y like so:

>

> `Y_arr = fltarr(1000) + Y`

>

> where Y is the single value you have for the thousand-point-long X and Z vectors.

> Cheers,

> Pavel

>

> Asti Bhatt wrote:

>>
>> Hi,
>>
>> My z and x are same size arrays and y different size. Now in
>> plot_3Dbox, all three of them should be of same size. The data I have
>> is like for certain value of y, I have 1000 x and z values. How do I
>> plot that ?
>>
>> Thanks,
>> Asti
