
Subject: Re: How to smooth lines in plots

Posted by [Kolbjorn Bekkelund](#) on Sat, 16 Nov 2002 17:48:24 GMT

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David Fanning wrote:

> Kolbjorn Bekkelund (kobe@rocketrange.no) writes:

>

>> I have a xy plot where the curve is very "rough" due to variations in the

>> x-value. To ease the view of this plot I would like to smoothen it a bit.

>> To describe the problem a bit more: Look at it as a line with some

>> modulation in it, and I only want to see the shape of the curve and not

>> all the small deviations.

>>

>> The plot is being made from a 2D array. Are there any ways of smooting

>> like this?

>

> I think this might be a job for the SMOOTH function.

> If your data is really noisy, you might have to apply

> the function multiple times.

>

> I can't tell from your description exactly how the

> plot is being made, but you may want to smooth each

> row (or column) or your 2D array individually. For

> example:

>

> Plot, Smooth(array[3,*], 7, /Edge_Truncate)

>

> Cheers,

>

> David

>

Thanks David.

That did it !

Kolbjorn

--

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"If I have been able to see further,
it was only because I stood on the shoulders of giants"

--

Sir Isaac Newton
