Subject: how to shade region of 2-D plot
Posted by nospam on Thu, 19 Nov 1998 08:00:00 GMT
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Is there a relatively painless way to shade a region on a 2-D plot?
Baically, I have a computed function that I want to plot with error
bars, and I'd like to plot the error bars as a shaded region around
the plotted nominal value. I could just plot error bars with the
points and play around with spacing between the points and the line
thickness of the error bars until it sort of looks like a shaded
region, but is there a nicer way to do it?

thanks,
 scott
--
Scott Stuart
stuart at ll mit edu

Subject: Re: how to shade region of 2-D plot
Posted by Martin Schultz on Fri, 20 Nov 1998 08:00:00 GMT
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Stein Vidar Hagfors Haugan wrote:

> In article <MPG.10bde9e8e981acc0989688@news.frii.com>
> davidf@dfanning.com (David Fanning) writes:
>
>> Joseph Scott Stuart (nospam@ll.mit.edu) writes:
>>
>>> Is there a relatively painless way to shade a region on a 2-D plot?
>>> Baically, I have a computed function that I want to plot with error
>>> bars, and I'd like to plot the error bars as a shaded region around
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>>> points and play around with spacing between the points and the line
>>> thickness of the error bars until it sort of looks like a shaded
>>> region, but is there a nicer way to do it?
>

[...]

>
> How about
>

... one minor change ...

>
> y=20*cos(findgen(50)/3)
> plot,y,ystyle=2 , /NODATA ; <<<<<<<<<<<<<<<<<<<<<<<

> bot=y-1.0
> top=y+1.0
>   polyfill,[findgen(50),reverse(findgen(50))],[bot,reverse(top)],/data
> oplot,y,color=0
>
> or something? Seems simple enough for me.
>
> Regards,
>
> Stein Vidar

Martin

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Dr. Martin Schultz
Department for Engineering&Applied Sciences, Harvard University
109 Pierce Hall, 29 Oxford St., Cambridge, MA-02138, USA

phone: (617)-496-8318
fax : (617)-495-4551

e-mail: mgs@io.harvard.edu
Internet-homepage: http://www-as.harvard.edu/people/staff/mgs/
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Subject: Re: how to shade region of 2-D plot
Posted by stinnaflet on Mon, 12 May 2014 19:39:29 GMT
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So this has obviously been here for a long time, but I needed it today, so a very belated thank you for this beautifully simple solution!

Regards,
Christina Holstein
