Subject: Re: fit through zero
Posted by Bringfried Stecklum on Thu, 01 Mar 2007 09:03:10 GMT
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Reimar Bauer wrote:
> Hi all
>
> I like to use a fit function which I can tell please go to 0,0
>
> How can I do that with e.g. poly_fit or did you know an equivalent routine?
>
> cheers
> Reimar
>
>
Hello Reimar,

since you asked about poly_fit I assume that you want to fit a
polynomial. It would be easy if poly_fit offers a keyword to flag
certain degrees of the polynomial which then would be omitted from the
fit. Since this is not the case I suggest to use svdfit with a user
defined function. A polynomial without the constant term, i.e.
$y=ax+bx^2+cx^3$... might be O.K.

Note that svdfit uses a polynomial as well if no user-defined function
is specified. However, the polynomial degrees cannot be flagged either.
Since sdvfit is just a wrapper for the hardcoded nr__svdfit this feature
can only be added by the ITT folks.

with kind regards,

 Bringfried

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