Subject: Re: CURVEFIT.PRO standard deviations?
Posted by Ralf Flicker on Mon, 13 May 2002 09:12:25 GMT
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Ivan Valtchanov wrote:
>
> Hi there,
>
> Well, this is a known issue because in "What's new in IDL 5.4" there are
> some lines about LMFIT with correct estimation of sigmas:
>
> ..."In IDL versions prior to 5.4 the correction [sqrt(chisq/(n-m)),
> where n is the number of points and m is the number of coefficients] was
> not being applied."
>
> So you have to multiply the sigmas by this correction factor and you'll
> get them right.
>
> I suppose this is the case for CURVEFIT too.
>
> Hope this helps?

Yes, you're absolutely right - I was too engrossed to see your
response until after I'd posted my own..

thanks,
ralf