Subject: Re: fit through zero Posted by Paolo Grigis on Thu, 01 Mar 2007 09:38:50 GMT View Forum Message <> Reply to Message

Bringfried Stecklum wrote: > 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 sydfit 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 sydfit 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, Here it's probably a good idea to use mpfitfun. Once you have your polynomial function defined, it is easy to keep some of the polynomial coefficients fixed for the fit. Ciao. Paolo Bringfried > Dr. Bringfried Stecklum > Thueringer Landessternwarte Tautenburg

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