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Subject: Re: CURVFIT with XY error

Posted by [wlandsman](#) on Mon, 09 Feb 2015 19:42:31 GMT

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You might also look at the code MPFITEXY by Michael Williams to apply MPFIT to linear models with errors in both coordinates.

<http://user.astro.columbia.edu/~williams/mpfitexy/>

But again this does apply to general nonlinear models. --Wayne

On Wednesday, April 30, 2014 at 12:01:28 AM UTC-4, Craig Markwardt wrote:

> On Sunday, April 27, 2014 5:31:55 PM UTC-4, Amin Farhang wrote:

>>

>> Is there any replacing routine for CURVFIT which was able to do a non-linear least squares fit to a user-supplied function by considering both X and Y error?

>

> Not in IDL for the general case. Numerical recipes does give an algorithm for errors in both variables if the model function is purely linear.

>

> Craig

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