
Subject: Re: xerr

Posted by [pgrigis](#) on Wed, 17 Dec 2008 22:08:38 GMT

[View Forum Message](#) <> [Reply to Message](#)

This is discussed for example in section 15.3 in edition 3 of the book "numerical recipes".

Ciao,
Paolo

Vince Hradil wrote:

>> Hi,

>>

>> I've been using mpfitfun to fit measured values of period (y) and

>> I would like to know if we can include the measured uncertainties in x

>> values too?

>>

>> Thanks,

>>

>> Lakshmi

>

> Well, since it's a linear problem you should probably choose a linear
> solution, not mpfitfun. Also, you need to take into account the
> variance and covariance for both x and y, so you need to solve this
> with care.

>

> If you google "fitting a straight line when both variables are subject
> to error" you'll get a lot of info: <http://tinyurl.com/54m8l3>
