
Subject: Re: IDL - EXP fitting function

Posted by [glen_andy](#) on Thu, 26 Mar 2009 22:25:51 GMT

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On Mar 26, 5:12 pm, David Fanning <n...@dfanning.com> wrote:

> glen_a...@hotmail.com writes:

>> Greetings everyone! My first post! I have some data x, y, that i would

>> like to fit to a fitting function of the kind $y_{fit} = \text{EXP}(a + b \cdot x)$.

>> where a and b are constants which i would like found. Any ideas on how

>> to do this?

>

> $ab = \text{LinFit}(x, y)$

> $a = ab[0]$

> $b = ab[1]$

>

> Cheers,

>

> David

> --

> David Fanning, Ph.D.

> Fanning Software Consulting, Inc.

> Coyote's Guide to IDL Programming:<http://www.dfanning.com/>

> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Thanks for getting back to me David,

Does the linfit function work when i would like my data to be fitted to an $\text{EXP}(a + bx)$ function? I didn't think that a linear function would be correct when considering the EXP? Or am i getting confused going from real space to log space!

Cheers

Andy
