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Subject: Re: Constrained Fitting  
Posted by [davidf](#) on Thu, 23 Mar 2000 08:00:00 GMT  
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Lanette Friesen (lfriesen@irus.rrl.on.ca) writes:

> I've been testing a number of the curve fitting routines in IDL with my  
> data. I've been using mainly CURVEFIT and LMFIT. I have three  
> parameters in a bi-exponential fit and I need to put constraints on  
> these parameters. As far as I can tell, putting constraints on the  
> parameters is not possible with the current fitting routines. Am I  
> missing something? Is there a different fitting routine that I haven't  
> found that allows either non-linear least squares fitting or something  
> like it with constrained fitting parameters?

Anyone who is even \*thinking\* about curve fitting better  
get themselves over to Craig Markwardt's page and check  
out what he is making available:

<http://cow.physics.wisc.edu/~craigm/idl/fitting.html>

I don't know how IDL gets away without including his  
stuff in the basic product. :-)

Cheers,

David

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David Fanning, Ph.D.  
Fanning Software Consulting  
Phone: 970-221-0438 E-Mail: [davidf@dfanning.com](mailto:davidf@dfanning.com)  
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>  
Toll-Free IDL Book Orders: 1-888-461-0155

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