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Subject: Re: Multidimensional curve fitting  
Posted by [cpylant](#) on Wed, 24 May 1995 07:00:00 GMT  
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In article <1995May19.085532.18482@rahman.earth.ox.ac.uk>, keith@earth.ox.ac.uk (Keith Refson) says:

>  
> The usual IDL fitting routines svdfit and curvefit only deal with 1-d  
> functions. There is a function "sfit" which claims to perform surface  
> fitting, but this can not provide uncertainties in the fit, nor even  
> take account of the numerical values of x1, x2.

>  
You might look at the curve-fitting section of "Numerical Recipes in C". The code they present is seemingly one dimensional, but they demonstrate how it can easily be 'tricked' into fitting to multiple dimensions. I don't know if the IDL routines could be similarly tricked.

Good luck,

Chris Pylant

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