
Subject: Re: Help Wanted: IDL Math Expert
Posted by [Jack Saba](#) on Tue, 19 Aug 1997 07:00:00 GMT
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David Fanning wrote:

>

Why not treat it as a pair of coupled nonlinear equations and use one of the standard techniques, e.g., Newton's method?

> Hi Folks,

>

> I had a friend ask a question about IDL that I didn't know how to answer. (Uh, math is not my strength, you understand. :-))

>

> Suppose I have a set of raw data that is described theoretically by two parametric equations. And suppose I need to fit these two parametric equations to the data since there is no mathematical way to convert the $x(t)$ and $y(t)$ equations into a $y(x)$ form. Is there a curve fitting routine in IDL that can handle parametric equations? Or, failing that, has anyone handled something like this in IDL and would be willing to give us a little help?

>

> Many thanks,

>

> David

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> -----

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