
Subject: Re: Robust curve fitting
Posted by [Mark Elliott](#) on Tue, 04 Aug 1998 07:00:00 GMT
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Thanks so much Craig!

Do you or anyone reading this know if there are similar IDL (or MINPACK) routines which perform Levenberg-Marquardt fitting to COMPLEX functions?

Thanks again.

Craig Markwardt wrote:

>
> There has been some recent discussion on this newgroup about curve
> fitting. Specifically, people wanted a faster system with more
> features. I also wanted a curve fitting routine that didn't cause IDL
> to crash.
>
> I recently had an opportunity to translate the MINPACK-1 curve-fitting
> package into IDL. MINPACK is a minimization package available from
> netlib, and has an excellent reputation. I have found that it is much
> more robust, able to cope with singular matrices, etc. Since people
> have been requesting, I polished it up a little bit, and am making it
> available via my IDL web page:
>
> <http://astrog.physics.wisc.edu/~craigm/idl/idl.html>
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