
Subject: Re: alternative to CURVEFIT function

Posted by [David Fanning](#) on Wed, 29 May 2013 15:38:13 GMT

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fd_luni@mail.com writes:

> I was wondering if anyone knows an alternative function of CURVEFIT. If I am not mistaken the CURVEFIT uses the Levenberg-Marquart algorithm. I need to use a different algorithm which provides a numerical solution to the problem of minimising a function, generally non-linear.
> Nelder-Mead method and Newton-Raphson are some choices but I was wondering if there is a function in IDL like the CURVEFIT.

Nearly all the experienced IDL users I know use Craig Markwardt's curve fitting programs:

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

Cheers,

David

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

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