
Subject: Re: Solution of Nonlinear System of Equations (BROYDEN etc.)

Posted by [Craig Markwardt](#) on Sun, 25 Aug 2002 14:00:25 GMT

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Here I am, replying to my own post. As David can attest, this is a sure sign of madness.

Craig Markwardt <craigmnet@cow.physics.wisc.edu> writes:

...

> Here is an example using MPFITEXPR, but you could also use MPFIT
> directly. All you need to do is return the vector of non-linear
> function values. Here is an example based on the BROYDEN
> documentation. I have set X and Y to zero because the expression,
> EXPR, computes the residuals directly.

...

I wanted to add that if you define your function BROYFUNC, as it is defined in the BROYDEN documentation, then you can use MPFIT directly with no additional changes. The benefit is that you can also use the nice FUNCTARGS features of MPFIT to pass named values to your function.

Craig

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Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response
