Subject: using mpfit
Posted by nospam on Tue, 10 Nov 1998 08:00:00 GMT
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I'm using Craig Markwardt's excellent fitting routine mpfit, and I'm
getting strange behavior that I don't understand. It calls the
function I'm fitting 48 times to do one fitting iteration, but each
time that it calls it, it passes in the exact same parameters. Then
mpfit exits with the message about the angle between fvec and the
jacobian. The fitted parameter values are unchanged from the input
parameters.

I have specified, via the params structure, that a couple of the
parameters are to be held fixed, but I've checked the params structure
as it is going in, and it looks OK to me, only the first few
parameters have the fixed keyword equal to 1. I don't understand why,
when I print out the parameters from within my function, they are
unchanged all 48 times that mpfit calls the routine.

Thanks for any help!

scott

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