"Steve" <Steve.Morris@libero.it> writes:
> Hi all,
>
> I'm using the excellent mpfit2dfun to fit a plane Z=f(X,Y) in the
> following way :
>
> myfit = MPFIT2DFUN('MYFORM', X, Y,Z,err_Z,start)
>
> It works very nicely, but I can only account for errors in Z. In the
> particular case I'm working with, I also have errors in X and Y. Is
> there any way to account for these errors? Or any other routine to use?

I don't have any great suggestions, but MPFIT2DFUN is definitely not
going to solve that problem. As Paolo mentioned, you might be able to
use the technique of Numerical Recipes extended to 2D, but I have a
feeling that won't work so well. The best suggestion I have is to use
the non-IDL code called ODRPACK.

Craig

--
 -- --------------
Craig B. Markwardt, Ph.D.   EMAIL: craigmnet@REMOVEcow.physics.wisc.edu
Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response
 -- --------------