nolan.smith1@gmail.com wrote:
> I spoke too soon!
> So I have set up my function:
> (the model I am trying to fit is y=a/((1+(x/b))^2))
>
> FUNCTION myfun,X,P
> RETURN,P(0)/(1+(X/P(1))^2)
> END
>
> and then I try to run
>
>   result=MPFITFUN('myfun',x,y,0.5,0.01)
The 4th argument should be an array with the errors on y and the
5th argument an array with the estimates for the parameters,
so try something like:

err=replicate(1,n_elements(x));constant errors in y
par=[0.5,0.01];parameter estimate

result=MPFITFUN('myfun',x,y,err,par)

>
> Where x,y are my x,y coordinates of the data that I am trying to fit,
> 0.5 is the first guess for P(0) and 0.01 is the first guess for P(1).
> As you guessed it is not working. What am I doing wrong?
>
> Thank you,
> Nolan
>