
Subject: MPFITFUN .TIED

Posted by [tackmeister](#) on Fri, 18 Aug 2017 12:47:19 GMT

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I'm having some issues using fitting constraints using the MPFITFUN package in IDL.

Basically, I have several parameters that I'm fitting, some of which are constrained to a single parameter (P[0]) as a factor of that parameter. As such, I set parinfo[*].tied so that, after printing, they read as follows: '0.662104 * P[0]' '0.245035 * P[0]' ...

After fitting I read out the parameters, and even though P[0] has an appropriate value, it appears the constrained parameters have obtained the values (in this case) 0.66210400 0.24503500 (and P[0] is not 1., it is somewhere around 475 for my case) As such, the constraint does not seem to work for me. It just seems to return the factor with which I wanted to multiply P[0], but does not actually multiply it.

Does anyone have an idea how to resolve this, or why it does not seem to work? Am I somehow using the wrong syntax for the .TIED keyword etc.? Any help is welcome. Many thanks!
