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Subject: non linear systems, mpfitexpr and functargs

Posted by [Elix](#) on Tue, 30 Jan 2007 18:15:09 GMT

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Hi,

in this newsgroup I found the interesting option of solving non-linear systems using mpfitexpr. I need to use mpfitexpr with the functargs keyword, but apparently I'm doing something wrong here.

```
stru={iref:iref,i2:i2}
p1=[0.3,0.5]
expr='[stru.iref-(1.-p[0])-p[0]*exp(-p[1]),'+$
'stru.i2-(1.-p[0])-p[0]*exp(-p[1]*0.3)]'
p=mpfitexpr(expr,0,0,1,p1,functargs=stru)
```

```
% MPFITEXPR: ERROR: execution of "[stru.iref-(1.-p[0])-p[0]*exp(-
p[1]),stru.i2-(1.-p[0])-p[0]*exp(-p[1]*0.3)]" failed.
```

Any suggestion?

thanks!

Elix

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