
Subject: Re: non linear systems, mpfitexpr and functargs
Posted by [Vince Hradil](#) on Tue, 30 Jan 2007 18:59:20 GMT
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Try mpfitfun

On Jan 30, 12:15 pm, "Elix" <elisa.costant...@gmail.com> wrote:

```
> 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
```
