
Subject: Re: Solving nonlinear equations

Posted by [Thierry Savin](#) on Mon, 03 Nov 2003 18:36:37 GMT

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Ok, after a long week-end spend in the IDL6 "stupid PDF" help, I give myself an answer.

```
function myfunc,x
common myfunca,a
return,f(x,a)
end
```

```
function solvef,b
common myfunca,a
a=b
x=fx_root([0,1,2],'myfunc')
return,x
end
```

I was missing the common block trick.
Thanks for your answers and procedures,
but they are way too complicated for me.

-T

Thierry Savin wrote:

```
> Hi all,
>
> Is it possible to create a function called let's say "solvef":
>
> IDL> x=solvef(a,'f')
>
> that returns x the solution of  $f(x,a)=0$  ?
>
> Thanks for any suggestion.
>
```
