Subject: Function minimization in IDL/WAVE
Posted by rmk2 on Wed, 02 Mar 1994 22:52:56 GMT
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Does anyone know where I might find an IDL/PV-WAVE implementation of
Powell (or other) function minimization routines?

Thanks,

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Subject: Re: function minimization
Posted by pogen2 on Sat, 21 Jun 2003 03:11:14 GMT
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"lyubo" <lzagorch@cs.wright.edu> wrote in message news:<bcvr1kimh1@proxy1.wright.edu>...
> [f1(x,y)-A]^2+ [f2(x,y)-B]^2 = 0
>
> Is there any function in IDL that I can use to minimize the above equation
> with respect to x and y? (A and B are constants).
>
> I was looking at LMFIT but I am not sure if I can apply in this case.
>
> Any feedback would be appreciated.
>
> Thanks,
>
> Lyubo

You can use AMOEBA or POWELL method.
There may also have a few tips in the "FUNCTION MAXIMUM"
thread subject (20 june 2003) ;-)

Pier