Subject: Function minimization in IDL/WAVE Posted by rmk2 on Wed, 02 Mar 1994 22:52:56 GMT

View Forum Message <> Reply to Message

Does anyone know where I might find an IDL/PV-WAVE implementation of Powell (or other) function minimization routines?

Thanks,

Marc Kippen

rmk2@kepler.unh.edu University of New Hampshire Space Science Center

Subject: Re: function minimization Posted by pogen2 on Sat, 21 Jun 2003 03:11:14 GMT

View Forum Message <> Reply to Message

"lyubo" <lzagorch@cs.wright.edu> wrote in message news:<bcvr1k\$imh\$1@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