

---

Subject: Re: 2D-fit

Posted by [Esa Riihonen](#) on Wed, 03 Mar 2004 08:53:26 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

On Tue, 02 Mar 2004 11:36:18 -0600, Craig Markwardt wrote:

[snip]

> Greetings, in addition to Paul's reply, I would like to mention that my  
> FAQ contains discussion of fitting functions of more than one variable.  
> And, if you have an even spaced 2D grid, then you can likely use  
> MPFIT2DFUN.  
>  
> Craig

Hi!

Thanks for the FAQ tip. And yes, MPFIT2DFUN, looks just right for the job.

Furthermore, I used IDL's own CURVEFIT for an earlier (1-d) fit. I guess I could use it in principle also here, but was seeking for a more intuitive (for me) approach. However I was puzzled with the error estimates I got for the parameters (they just don't make sense). If I understood what I have read from the documentations thus far, MPFIT seems to addresses this problem also.

Cheers,

Esa

--

Esa Riihonen - [esa@riihonen.st.net](mailto:esa@riihonen.st.net) (Remove spam trap = '.st')

The CT Creed: "There is no Game but Traveller,  
and High Guard is its Product"                      Steve Hudson

---