
Subject: Re: Newbie's question

Posted by [Paul Van Delst\[1\]](#) on Thu, 20 Oct 2005 14:10:27 GMT

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ChiChiRuiz@gmail.com wrote:

> Thank you for your inputs. I'll try poly_fit and find MPFIT!

BTW, the MPFIT code has a drop in replacement for CURVEFIT -- I think it's called MPCURVEFIT. Anyway, another plus is that it's much much much faster than IDL's CURVEFIT -- at least it was for the fits I was performing:

$$z(x,y) = c0(y) + c1(y).x^c2(y) + c3(y).x^c4(y) \text{ (where } c4 \sim 2*c2)$$

I fit 1000's of channels of data in a flash with Craig's MP Code. CURVEFIT didn't converge most of the time, and when it did it took forever (i.e. go and get a coffee, come back, and it would still be working on a single channel).

cheers,

paulv

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