
Subject: Re: recommendations for curve fitting
Posted by [willett](#) on Wed, 25 Jul 2007 19:19:16 GMT
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On Jul 24, 11:55 am, Josh <joshuamonta...@gmail.com> wrote:
> i'm looking to add a trend- / fit-line to my plotted data, and not
> finding any really nice and easy way to do so. the plot is currently
> being generated with the PLOT command, and I'm not looking for
> anything much more complicated than a quadratic fit (probably even
> just linear). i tried using IPLOT and adding a curve fit there, but
> it didn't work very well and was kind of awkward.
>
> does anyone have any good recommendations for fitting a trendline to a
> scatter plot? as i said, it will probably be as simple as linear /
> quadratic in nature.
>
> thanks.

Craig Markwardt's MPFIT routine does an outstanding job of fitting whatever function you like to the data. Look here for a good tutorial and examples.

<http://cow.physics.wisc.edu/~craigm/idl/fitting.html>
