
Subject: Re: Help in Astronomy /curvefitting
Posted by [Jeremy Bailin](#) on Sat, 11 May 2013 16:11:39 GMT
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On 5/11/13 7:10 AM, mrugankakashyap@gmail.com wrote:

> I'm a 4th year B.Tech student doing an astronomy project based on HERSCHEL data. I have hit a wall in IDL programming.
>
> I have 3 images of the same pixel grid size which have to be fitted in a user defined function. I have to use a chi squared approximation to get the values of the unknown parameters of the function. Then I have to plot contour maps of the unknown parameters separately. How do I do the above steps ?
>
> I have been trying different functions for the last 3 months to no avail. I would be glad if you could help.
>

Many of us are big fans of Craig Markwardt's curve fitting routines:

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

-Jeremy.
