
Subject: Re: REGRESS and sky background
Posted by [Gray](#) on Tue, 06 Jul 2010 19:50:34 GMT
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On Jul 6, 9:18 am, wlandsman <wlands...@gmail.com> wrote:
> On Jul 5, 8:06 pm, Gray <grayliketheco...@gmail.com> wrote:
>
>> Here's my general algorithm; I actually use a different mean clipping
>> routine, but astrolib's MEANCLIP gives the same (unwanted) results.
>> Take a look and tell me what you think. Thanks!
>
> Some possibly useful thoughts.
>
> 1. I don't understand this line
>
> abc += [ab,c]
>
> On each iteration you are removing outliers and redoing the
> regression. But you don't want to add the newly determined
> parameters to the old ones - I think you want a simple equality in the
> above statement.
>
> 2. REGRESS has a lot of keywords -- STATUS, SIGMA, CHISQ -- to help
> assess the quality of the solution. I would monitor these to see if
>
> 3. Henry Freudenreich wrote code for a similar problem -- check out
> robust_planefit.pro and supporting procedures
in <http://idlastro.gsfc.nasa.gov/ftp/contrib/freudenreich/>
>
> --Wayne

Robust_planefit looks like it may be exactly what I need, so I will
give it a try! Thanks :)
