Subject: LOESS program

Posted by tracy.moffat on Wed, 15 Mar 2006 13:24:53 GMT

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Hi,

I was wondering if someone could help me. I'm trying to use the LOESS
program found in the Freudenreich AstroContrib Library. My array is a
49 by (number of seconds of data) - so 49 timeseries of equal length -
i want to use LOESS to filter them to get any trend in the data.
However my array isn't processing as I'm getting the same output as I
put in. The code looks like it's for an image as it shifts everything
to the middle of the array then works from there. This means that the
for loop, where the number crunching begins, reads like: for I = 2500,
-2451 do begin (corresponding to half the smoothing width to half the
smoothing width -49). I think this is where it is getting confused.

I thought I'd see if anyone had any bright ideas before I start playing
around with the code too much.

Any help/suggestions greatly received

thanks
Tracy