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Subject: Savgol - Differentiation problems  
Posted by [richard.martin](#) on Thu, 12 Feb 2004 14:29:09 GMT  
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Has anyone tried using the SAVGOL routine with ORDER.gt.1?  
Seems to need an extra scaling factor, is this correct?

RM

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Subject: Re: Savgol - Differentiation problems  
Posted by [bachmann](#) on Mon, 16 Feb 2004 12:27:32 GMT  
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Hello,

RM schrieb:

- > Has anyone tried using the SAVGOL routine with ORDER.gt.1?
- > Seems to need an extra scaling factor, is this correct?

As far as I remember, no scaling factor is required.

For the Savitzky-Golay-Filter, you need to define the number of samples left and right of the point to smooth, the degree of the smoothing polynom, and the degree of the derivative (=0 for smoothing only).

But I guess, the IDL help has a list of all parameters for this function ;)

Best regards,

Martin

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