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Subject: Re: IDL QUESTIONS (INTERPOLATION)

Posted by [zolile mtumela](#) on Wed, 23 Nov 2011 13:47:05 GMT

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On Nov 22, 4:13 pm, zolile mtumela <zolilemtum...@gmail.com> wrote:

> On Nov 22, 3:26 pm, David Fanning <n...@dfanning.com> wrote:

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>

>> zolile mtumela writes:

>>> Actually the data suppose to take two hrs thats is 7200 seconds: From

>>> original data in fit format, It shows me the start-end

>>> time(2478520-2478906), in this two hrs data, sometimes there are

>>> nodata, thats why i got few data in other data of ascii data.

>>> I would like to plot 2 hr data even if I did get data, I think

>>> interpolation function is ok.

>>> 1.Could I resample data to fill gaps

>

>> Yes, if you think this is necessary. It doesn't

>> seem to be with the data you sent us.

>

>>> 2.How to accomodate the 2 hours in all plots even if I got few data

>

>> I am not sure what you are asking here.

>> Do you mean you want your X axis to always

>> represent two hours of time? Then set the

>> XRange to that span of time, and set the

>> XSTYLE keyword to 1 to tell IDL you really

>> mean it.

>

>> Cheers,

>

>> David

>

>> --

>> David Fanning, Ph.D.

>> Fanning Software Consulting, Inc.

>> Coyote's Guide to IDL Programming:<http://www.idlcoyote.com/>

>> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

>

> Thanks David

> Today, I was playing with these plots, looking to the one that have

> gaps. Mine looked different but I have adjust the rangers. I am bit

> convised that these ones are interpolated correctly. Thank you again.

> Sometimes It becomes hard to differetiate when u r not used in

> programming, But i am improving with ur assistance. Thank you!!- Hide quoted text -

>

> - Show quoted text -

HiDavid

I was doing FFT on this data, but I am getting fun spectrum. In the data there are some big values(they look like outliers). Could I try remove those big values in order to plot FFT.

Maybe I have to apply hanning window to get right spectrum, Any suggestions are much welcome.

Many thanks

Zolile

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