## Subject: Re: nonuniform FFT
Posted by b_gom on Mon, 07 Apr 2003 19:09:49 GMT
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Ah, right you are, AJ- I didn't look close enough. At any rate, I am
concerned with speed issues. I know nothing will be as fast as the
FFT, but the LNP_TEST function is too slow as it is (it looks like
between 70 to a few hundred times slower). Also, I'm not exactly sure
how to interpret the output of the LNP as compared to an FFT.

It looks like I will need to decide between interpolating the data
onto a regular grid (with the errors this introduces and extra time it
takes) or implementing some reasonably fast nonuniform FT, which no
one seems to have done.

Thanks

Brad

"AJ" <a@nothing.com> wrote in message
news:<1049725229.195633@newsreader1.wirehub.nl>...
> Reading the online help, is the requested information not returned by the
> keywords WK1 and WK2?
>
> "Brad Gom" <b_gom@hotmail.com> wrote in message
> news:bde24eff.0304041525.3cc5d5bb@posting.google.com...
>> Hi All,
>>
>> has anyone out there implemented a FFT routine that handles
>> nonuniformly gridded samples? The Numerical Recipes "fasper" routine
>> seems to be one way to do it, but I don't want to write a DLM for it
>> unless I have to. The internal IDL routine LNP_TEST is an
>> implementation of the "fasper" code, but it returns only the maximum
>> peak of the Lomb periodogram, and not the periodogram itself.
>>
>> Thanks
>>
>> Brad Gom