
Subject: Re: Optimal interpolation

Posted by [Paul Van Delst\[1\]](#) on Wed, 28 Aug 2002 18:19:33 GMT

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GB Karas wrote:

>
> sinc interpolation relies on the following interpolating kernel:
>
> $\text{sinc}(x) = \sin(x)/x$

Why don't you use FFT's to do the interpolation then? You know, FFT the curve in question, zerofill
(or truncate) the result and FFT back?

paulv

>
> Paul van Delst <paul.vandelst@noaa.gov> wrote in message
news:<3D653F9D.223EDD66@noaa.gov>...
>> GB Karas wrote:
>>>
>>> oh well.. i think that really depends on your data
>>>
>>> i analyze MRI data, so I have to use sinc and windowed sinc
>>> interpolation
>>
>> OT, but...
>>
>> What is sinc (and windowed sinc) interpolation?
>>
>> paulv

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