
Subject: Re: bug in IDL's hanning() window-generating function

Posted by [bennetsc](#) on Fri, 03 Aug 2001 01:00:41 GMT

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In article <3B6974E4.CBCC8A96@noaa.gov>,

Paul van Delst <paul.vandelst@noaa.gov> wrote:

> bennetsc@NOSPAMucs.orst.edu wrote:

>>

>> In article <MPG.15d1a1e0a012bdcd989e44@news.frii.com>,

>> David Fanning <david@dfanning.com> wrote:

>>> Scott Bennett writes after a long analysis of the Hanning function:

>>>>

>>>> In any case, I think the point Harris made is that a discrete
>>>> sampling of a window function should not taper to the same value at
>>>> the end that it has at the beginning because to do so would include
>>>> the first sample of the *next* period (windowed segment.) So IDL's
>>>> hanning() gets it wrong for both even- and odd-length windows. :-(

>>>

>>> Uh, huh. And how did RSI respond when you contacted them

>>> about it?

>>>

>> I didn't contact them. I'm disgusted with them after seeing how
>> they cheated my faculty advisor and, when I asked them to rectify
>> their errors, they refused to do so. I recommended to my advisor that
>> he turn the whole matter over to the university's legal counsel. He
>> told me that he was not going to renew the service contract any more,
>> so I doubt he will bother with having the legal counsel deal with it,
>> but either way it will be his decision and it's now out of my hands.
>> Given their denial of service while we had a service contract, I doubt
>> they would do any better now that we no longer have a service
> contract.

>

> Oi vey. another future matlab user.... ? :o)

>

Who knows? It will depend upon which package, if any, my next employer wants me to use. I don't even know what my chances are of ever being involved in time series data analysis work again after I finish this degree program. (I suppose, if I can find a suitable disk drive to replace the one that died on my ancient NeXT, I could mess around with Mathematica 3.02 at home... :-)

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