
Subject: Re: HISTOGRAM and the Razor's Edge.
Posted by [Paul Van Delst\[1\]](#) on Fri, 13 Jun 2003 13:58:53 GMT
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Tim Robishaw wrote:

>
> Thanks a bunch, folks. Your responses were very helpful. Much
> appreciated.
>
> -Tim.
>
> Paul van Delst wrote:
>
>> The result isn't wrong. Your assumptions about the numerical accuracy are.
>> I'm amazed you're surprised at getting a result of 1.9999980926513671875 for
>> the expression $(-5.40 - (-5.50)) / 0.05$, Even double precision won't help you
>> here:
>>
>> IDL> print, $(-5.40d0 - (-5.50d0)) / 0.05d0$, format='(f21.19)'
>> 1.99999999999999928946
>
> Paul:
>
> First of all, let me thank you for your amazement at my lack of
> understanding.

Uum... no worries.

> That's not a very friendly way to encourage people to
> post questions to your group.

Oopsy...methinks you misinterpreted my "tone of type". Apologies if my reply offended. I just meant to point out that the issue was not HISTOGRAM related...but floating point arithmetic related.

And, please, just because I'm a lousy writer who conveys the wrong message with his usenet posts, don't let that stop you posting. (Especially about HISTOGRAM.....I still can't figure out how to use it right :o)

paulv

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Paul van Delst
CIMSS @ NOAA/NCEP/EMC
Ph: (301)763-8000 x7748
Fax:(301)763-8545
