Subject: Re: HISTOGRAM and the Razor's Edge. Posted by Paul Van Delst[1] on Fri, 13 Jun 2003 13:58:53 GMT View Forum Message <> Reply to Message

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)'
- >> 1.999999999999928946

>

> 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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