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Subject: Re: Command line display format

Posted by [Ammar Yusuf](#) on Wed, 04 May 2011 19:06:54 GMT

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On May 4, 3:01 pm, Paulo Penteado <pp.pente...@gmail.com> wrote:

> On May 4, 3:56 pm, Ammar Yusuf <amyus...@gmail.com> wrote:

>

>> Hi, so I did this in the command line:

>> IDL> print, wave\_special[2], wave\_special[1], wave\_special[2]-

>> wave\_special[1]

>> 1260.20 1260.10 0.0999756

>

>> I was hoping it would print out 0.10 but it's something really close.

>> How can I display in my command line the actual values of

>> wave\_special. I know in Matlab you can type format short, format long,

>> to do it.

>

>> Is using the print format the only way to see? Thanks!

>

> If what you are looking for is format control, you can use the format

> keyword to print. Using Fortran-style formats, it could be something

> like:

>

> print,wave\_special[2], wave\_special[1], wave\_special[2]-

> wave\_special[1],format='(3E22.15)'

>

> See the help on print for more details on format codes, including how

> to use C-style formats.

Oh okay. Do you know why this happened or is this just part of floating point representation?

I would expect 1260.20 - 1260.10 to return 0.1.

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