
Subject: Re: Floating underflow in a plot

Posted by [Jeremy Bailin](#) on Wed, 15 Apr 2015 19:04:20 GMT

[View Forum Message](#) <> [Reply to Message](#)

On Wednesday, April 15, 2015 at 12:58:16 PM UTC-5, miguelfigue...@gmail.com wrote:

>> Seems to be a very strange error. I can't explain it. However, are you

>> really sure, that the floating underflow error leads to missing

>> points, as you say in the answer to Craig's post?

>

> The underflow problem was not the cause of the error

>

> I found the problem : the subscript l_n for the array "resultat" can be very high so I needed this variable to have a double precision.

>

> l_n=double(l_n) fixed the problem.

>

> Thank you for your help ;)

>

> Miguel

Ah, interesting. You don't really want to be using a double for something that's fundamentally an integer. But I see that you're actually using a short integer -- any integer that you don't know a priori will never go about 32000 should always be defined as a long:

l_n=0L

And anything that is really a floating-point number should not be declared as an integer:

To=220.0

-Jeremy.
