
Subject: Re: exp function bug

Posted by [Andy Loughe](#) on Thu, 05 Dec 1996 08:00:00 GMT

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

Robert Cannon wrote:

>
> Can anyone tell me what is going on here, or if it happens on other
> platforms?
>
> The first time I call exp (-710.72026d0) after starting idl I get:
>
> hera:~> idl
> IDL. Version 4.0.1 (IRIX mipseb).
>
> IDL> print, exp (-710.72026d0)
> 2.8462073e+134
> IDL> print, exp (-710.72026d0)
> 2.1782760e-309
>
> This is on an sgi crimson. I get the impression the same may happen on
> an alpha, but for a different value - it has to be -710.72026d0 on the
> sgi: -710.72025d0 works fine.....

For interest's sake...

This does not happen on a SUN SparcStation running Solaris 2.5

--

Andrew F. Loughe | afl@cdc.noaa.gov
University of Colorado, CIRES | http://cdc.noaa.gov/~afl
Campus Box 449 | phn:(303)492-0707 fax:(303)497-7013
Boulder, CO 80309-0449 | "If you are going to be blue, be bright
blue!"
