
Subject: Re: Problems with double precision in IDL
Posted by [isaacman](#) on Sat, 19 Jun 1993 01:34:00 GMT
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In article <1vsr72INNgtf@rave.larc.nasa.gov>, zawodny@arbd0.larc.nasa.gov (Dr. Joseph M Zawodny) writes...

> In article <16JUN199312122750@stars.gsfc.nasa.gov> isaacman@stars.gsfc.nasa.gov
(Subvert the Dominant Paradigm! (301) 513-7769) writes:

>> We have a potentially VERY serious problem with the COBE data analysis
>> because of the way IDL seems to be (mis?)handling double precision
>> numbers.

>

> Isn't this apparent error at about the magnitude of the "fluctuations" in the
> residual temperature maps from COBE that are being used to "prove" some aspects
> of Big Bang theories? Gee, I hope that all the kudos and PR that has been
> given to COBE are not for nought because of a programming error. I was excited
> by those results myself.

>

Not to worry. Those cosmic background fluctuations were all derived and
checked with a bunch of different double-precision Fortran programs.

Rich Isaacman
