
Subject: Re: a plea for more reliable mathematical routines
Posted by [Jonathan Joseph](#) on Wed, 15 Sep 1999 07:00:00 GMT
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Theo Brauers wrote:

- > In our group we do rely on a number of the built-in math routines of IDL and
- > I would really appreciate if this group could assemble a warning list of
- > bugs in the math routines of IDL. IMO most of the IDL user/programmers do
- > simple checks for the correctness of their code but they might never
- > check the math routines in detail.

I fully agree with Theo, I've been reading this interesting thread and I'm a bit concerned. I don't use heavy duty math routines extensively, but I use a few that I could not be sure if they are really working correctly. Some people posting to this thread have mentioned (seemingly knowingly) problems in some IDL math routines. I've seen a few examples mentioned, but a list of known problems would be very useful. Is there such a list compiled anywhere? If not, could those doing the talking help in creating one?

-Jonathan
