
Subject: Re: SMOOTH

Posted by [pit](#) on Fri, 20 Jun 1997 07:00:00 GMT

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

In article <33A960A1.17B7@astrosun.tn.cornell.edu>,

JD Smith <jdsmith@astrosun.tn.cornell.edu> writes:

> In my case, I was smoothing a positive definite
> image, and the smoothed image contained bands of negative values! I
> think arrays which contain a wide dynamic range of values are most
> susceptible. Converting to double precision seems to solve the problem,

Maybe it's an overflow like in

IDL> print,32767+10
-32759

Shure this would be a bug, but it explains the behaviour

Peter

--

~~~~~

~~~~~

Peter "Pit" Suetterlin <http://www.uni-sw.gwdg.de/~pit>

Universitaets-Sternwarte Goettingen

Tel.: +49 551 39-5048 pit@uni-sw.gwdg.de

--- * -- * ... -- * -- * --- * -- * --- * -- * --- * -- *

Come and see the stars! <http://www.kis.uni-freiburg.de/~ps/SFB>

Sternfreunde Breisgau e.V. Tel.: +49 7641 3492
