
Subject: Re: Roundoff error in SMOOTH

Posted by [landsman](#) on Wed, 26 May 1999 07:00:00 GMT

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

In article <26MAY199915495025@stars.gsfc.nasa.gov>, landsman@stars.gsfc.nasa.gov (Wayne Landsman) writes...

> I was recently surprised to discover that applying the SMOOTH function to a
> non-negative array could yield an array with negative numbers. I give an
> example below.

I forgot to include the IDL !VERSION used in my example:
{ sparc sunos unix 5.2 Oct 30 1998}

Testing the same example on VMS IDL V4.0.1, I still get negative numbers
although not as many!

--Wayne Landsman

landsman@mpb.gsfc.nasa.gov
