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Subject: POLYFITW user routine

Posted by [troy](#) on Thu, 09 Sep 1993 00:24:49 GMT

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I have been having a problem with the routine POLYFITW. For certain combinations of data sets and polynomial degree, the routine generates an arithmetic error. I have traced this to a problem with the variable YBAND. In particular, YBAND is a vector with some negative elements. When the routine tries to take the square root, the error results.

As I understand it, the variable YBAND is a variance, and should never be negative. Has anyone else come across this problem? Is it a bug in the code, a problem with the algorithm, or maybe a bug in IDL's matrix handling routines?

Any help or insight would be much appreciated.

Troy

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