
Subject: Re: SVDFIT Problems

Posted by [William Clodius](#) on Tue, 10 Sep 2002 22:42:43 GMT

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Bill wrote:<snip>

- > small = where(VARIANCE lt max(VARIANCE)*THRESH, count)
- > identifies as small those quantities with the smallest magnitude variances. If
- > relative magnitude (i.e., units) can be ignored, the current code reports as singular
- > precisely those quantities that are best determined given the uncertainties in the
- > input data, while singular is intended to identify those quantities that may be badly
- > determined due to numerical problems.

FWIW IDL support has decided that the above comparison is indeed invalid and will be fixed in the next release of IDL.
