Subject: Is zero-degree fitting possible?
Posted by kpham on Wed, 10 Apr 1996 07:00:00 GMT

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I am having problems doing a very simple zero-degree fit, i.e. fitting
only one parameter. I've tried POLY_FIT, CURVEFIT, and SVDFIT.
They each return the following error:

IDL> F = POLY_FIT(Ycalculated, Yexperiment, 0)
% INVERT: Input must be a square matrix: A.
% Error occurred at: POLY_FIT   79 @IDL_DIR:[LIB]LIB.TLB(POLY_FIT)

etc.

I just want to find F such that (F * Ycalculated) gives the best fit
to (Yexperiment).

Am I missing something really simple here?

Any help is greatly appreciated.
Khai Pham