Subject: Segmentation Violation with NLINLSQ

Posted by Peter Hueckel on Tue, 19 Sep 2000 07:00:00 GMT

View Forum Message <> Reply to Message

Dear reader,

I am using NLINLSQ.PRO from the ISML Math.. in PV-WAVE as a fitting routine.

Sometimes my program stops due to an segmentation violation. It gives the following message:

% NLINLSQ: Terminal error: MATH_REMAINING_ELMNTS_NOT_ZERO

"r(2,2)" = 0.000000e+00. Remaining elements for the row must also be ze

ro, but "r(2,3)" = -1.123467e-07 is not.

% ERROR: Signal encountered: Segmentation violation.

% Since this may indicate a serious problem, it is recommended you save all data and restart PV-WAVE.

% Execution halted at NLINLSQ <nlinlsq.pro(123)> (MATHSTAT_163).

% Called from FIT_FERMI <fermi_fit.pro(22)>.

% Called from FIT_ROI <fit_roi.pro(62)>.

% Called from TC <tcmapfit3_256_fermi_both.pro(75)>.

% Called from $MAIN$.

I would like to know how i can avoid this error or what is the reason for it to apear. With some datasets it never happend and with some very often.

Is there somebody who can help me with this?

Thanks.