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Subject: Need 2-dimensional Y versus X curve fit routine

Posted by [jmcfee](#) on Thu, 10 Jul 1997 07:00:00 GMT

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CURVEFIT in the IDL built-in library which performs a nonlinear fit of a 1-D data vector Y to a function of a 1-D vector X and a parameter vector A. I am looking for a routine similar except that Y and X are two dimensional (time versus depth). CURVEFIT is based on Bevington's CURVFIT (Marquardt's method). I extended a fortran CURVFIT routine to 2-D some years ago, but hate to repeat the effort in IDL. Has anybody got a 2-D version?

I've already checked the searchable IDL library website with no luck.

Thanks for the help.

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Dr. John E. McFee                    -- Usual disclaimer applies.

Threat Detection Group            -- "They can kill you -

Defence Research Est. Suffield -- but they're not allowed to eat you."

John.McFee@dres.dnd.ca           -- - Chuck Jones

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