Subject: Re: optimization using IDL

Posted by rivers on Tue, 17 Sep 1996 07:00:00 GMT

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In article <323DE338.41C67EA6@gojira.berkeley.edu>, Karl Young <karl@gojira.berkeley.edu> writes:

- > I know this has been discussed before and I apologize for any
- > redunancy. I am finding IDL's curvefit inadequate for the types
- > of optimization I need to do. For one thing I need to do
- > constrained optimization.

..

- > So my question is; has anybody been in this situation with
- > IDL and if so how did they deal with it? E.g. has anybody
- > written more sophisticated optimization code in IDL, do
- > people generally call external Fortran or C routines from
- > commercial or shareware packages, ... ? Any comments or
- > suggestions greatly apreciated,

I have worked with RSI to fix some of the limitations in curvefit (e.g. it now longer needs analytical derivatives). For more sophisticated optimization I have used CALL_EXTERNAL and the IMSL or NAG libraries.

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