
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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