
Subject: Re: Any 1D functional minimization routines out there?

Posted by [landsman](#) on Wed, 05 Apr 1995 07:00:00 GMT

[View Forum Message](#) <> [Reply to Message](#)

> In article <DAFT.95Mar31084204@debussy.crd.ge.com> daft@debussy.crd.ge.com (Chris Daft) writes:

>

> I need a couple of functions corresponding to MNBRAK (golden section
> search for brackets for a function's minimum) and BRENT (1D
> non-derivative function minimization) in Numerical Recipes. I can't
> find these in the IDL distribution I use (3.6.1). Has anybody typed
> them in as IDL functions?

>

The the /math directory of the IDL Astronomy Library has the procedures MINF_BRACKET and MINF_PARABOLIC, which, respectively, incorporate the algorithms in MNBRAK and BRENT from Numerical Recipes. The IDL Astronomy Library is available at the URL

<http://idlastro.gsfc.nasa.gov/homepage.html>

--Wayne Landsman

landsman@stars.gsfc.nasa.gov
