Subject: Numerical Recipes diffs?
Posted by kachun on Wed, 19 Jun 1996 07:00:00 GMT
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Does anyone know what IDL did between IDL3 and IDL4 as far as the numerical recipes subroutines go? I've been testing a fitting program that uses the LUDCMP and LUBKSB routines form _Numerical Recipes_, and I've been using IDL's canned routines. The canned routines got name changes during the switch from IDL3 to IDL4, from "nr_ludcmp" and "nr_lubksb" to "ludc" and "lusol". That's not all though--somehow the code got changed around so that I get different results depending on which version of IDL I use even if the input is exactly the same!

I don't think IDL provides the source for these routines in their libraries; they leave them as executables. So does anyone know what IDL did between versions, or should I just forget about this and rewrite everything from scratch (which would be really annoying)?
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Subject: Re: Numerical Recipes
Posted by Ewan A. Macpherson on Wed, 17 Sep 1997 07:00:00 GMT
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Dave Klassen wrote:

> I've been looking for a nice easy way to maximize a fairly complex
> function using IDL. I know that there are many Numerical Recipes
> routines built into IDL, but not the one I need. I've used the
> NR routine called AMOEBA before to minimize a chi-squared
> function and now I'd like to try to use it to maximize a
> correlation function.

I've written a PV-WAVE version of AMOEBA. I can't vouch for its efficiency, but let me know if you want to use it as a starting point.

--
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