Subject: Re: cubics & quartics
Posted by kachun on Thu, 11 Jul 1996 07:00:00 GMT

In article <31E41FF0.F66@cdc.noaa.gov>, Andy Loughe <afl@cdc.noaa.gov> wrote:
> Ka Chun Yu wrote:
>>
>> Does anyone know of a (personal) library routine that can solve cubics
>> and (even better yet) quartics? Nothing comes up on IDL help with
>> searches for those keywords.
>
>
> Does fz_roots accomplish what you need?

I guess fz_roots will work for now, but what I'm really interested in
is a program that solves using the analytic solution for quartics (and
I'm too lazy right now to program mine own in ;). I basically have to
create a 2-D array where each bin is the root of a quartic equation, so
using fz_roots means looping through each bin of the array. This is
okay for small arrays right now but not for any big ones in the future.

> Andrew F. Loughe   afl@cdc.noaa.gov
> University of Colorado, CIRES   http://cdc.noaa.gov/~afl
> Campus Box 449   phn:(303)492-0707   fax:(303)497-7013
> Boulder, CO 80309-0449   "He who laughs last thinks slowest!"

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--kachun   +** Center for Astrophysics and Space Astronomy   **+
         +**   University of Colorado, Boulder   **+
         +** Email: kachun@casa.colorado.edu   **+
         +** http://casa.colorado.edu/~kachun   **+