
Subject: Re: Bessel Functions and Numerical Recipes
Posted by [Michael Asten](#) on Fri, 02 Mar 2001 01:45:52 GMT
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Brian Keating wrote:

- > Anyone have a robust algorithm to compute ordinary
- > Bessel Functions of integer order, greater than order ~ 19
- > (where IDL 5.4 currently cuts off).

You might try the website below; I have had some success in free translation from the fortran original to idl, for a couple of the routines (but not yours), without need to restructure the code.

Regards,
Michael Asten

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; website <http://iris-lee3.ece.uiuc.edu/~jjin/routines/routines.html>
; Jianming Jin, Associate Professor
; Department of Electrical and Computer Engineering
; University of Illinois at Urbana-Champaign

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 - >
 - > Another question:
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 - > Has anyone converted a substantial portion of
 - > Numerical Recipes [e.g., Fortran], to IDL? Are there public libraries for
 - > this sort of thing? Numerical Recipes algorithms seem much more
 - > stable/reliable than those in IDL and I have the complete Fortran code for
 - > most Numerical Recipes but find it tedious to manually convert between
 - > languages each time I want a program.
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 - > Thanks!
 - >
 - > -Brian
 - >
 - > Thanks,
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 - > -Brian
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