Subject: Re: Hankel (Fourier-Bessel) Transform
Posted by Georg.Pabst on Wed, 25 Jul 2001 17:23:29 GMT
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Craig Markwardt <craigmnet@cow.physics.wisc.edu> wrote in message news:<onitgigleq.fsf@cow.physics.wisc.edu>...
> thompson@orpheus.nascom.nasa.gov (William Thompson) writes:
> ...
>> H = BES0( K # X ) # ( K * F * SC )
>
> Ahh, matrix product, very clever. :-)
>
> Just a note to Georg, this will probably get the job done, but bear in
> mind that it is a memory-cruncher. The same thing can be done with
> the discrete fourier transform.
>
> Craig

Thanks for the help. Thanks to the mail of Brian Borchers I could translate a Matlab package (http://www.nmt.edu/~borchers/hankel.html)into IDL, which seems to do exactly what I want. So in case anyone else is interested in Hankel transforms...give me a shout....

Georg