
Subject: Re: incomplete gamma fcn
Posted by [Jackel](#) on Thu, 20 Oct 1994 23:04:01 GMT
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In article <38635u\$76u@jhunix1.hcf.jhu.edu> mfishler@bme.jhu.edu (Matthew Fishler) writes:
> From: mfishler@bme.jhu.edu (Matthew Fishler)
> Subject: incomplete gamma fcn
> Date: 20 Oct 1994 15:42:54 GMT

> Hi,

> Does anyone have (or know of a location to find) the code for
> evaluation of the incomplete gamma function? I'm using pv-wave,
> but I'm not too picky (mainly since I don't think it should matter
> much in this case).

> Thanks a bunch,
> ==Matthew

Here's some info which appeared on the sci.math.num-analysis newsgroup
a couple weeks back:

> From: vsnyder@math.jpl.nasa.gov (Van Snyder)
> Please tell me if you know of an algorithm for computing the incomplete
> gamma function(s) $\gamma(a,ix)$ or $\Gamma(a,ix)$, or, equivalently, the
> Boehmer integrals $C(a,x)$ and $S(a,x)$, for real a and x .

Try complex Incomplete Gamma Function by Eric Kostlan and myself.

Anonymous ftp:

```
<ul><li><a href="ftp://ringer.cs.utsa.edu/pub/gokhman/code/cdig.f.gz"> code</a>  
<li><a href="ftp://ringer.cs.utsa.edu/pub/gokhman/papers/igf.ps.gz"> paper</a>  
</ul>
```

Dmitry Gokhman -> gokhman@ringer.cs.utsa.edu
click here
Brahms Gang/Math/UT San Antonio - fiat bux -

I got the paper, but haven't yet coded it into IDL. Doesn't look too bad,
but it will be fairly loopy. If you code it up, please post it.

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