
Subject: Re: elliptic integrals

Posted by [Foldy Lajos](#) on Wed, 09 Feb 2011 21:05:56 GMT

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On Wed, 9 Feb 2011, Jeremy Bailin wrote:

> Are there really no in-built functions to compute incomplete elliptic integrals? Or does someone have a pre-built routine already (save myself the effort of typing out and translating some NR code...)?

>

> -Jeremy.

>

Have you tried GSL?

phi=...

k=...

```
val=call_external('/usr/lib64/libgsl.so', 'gsl_sf_ellint_f', $
    double(phi), double(k), long(1), $
    /all_value, /d_value, /auto_glue)
```

regards,

Lajos
