Subject: Re: Inverse hyperbolics?
Posted by suicidaleggroll on Wed, 11 Sep 2013 16:34:21 GMT
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On Wednesday, September 11, 2013 10:14:43 AM UTC-6, Mark Piper wrote:
> On Wednesday, September 11, 2013 4:48:48 AM UTC-6, Tom Grydeland wrote:
>
>> Will these be in IDL anytime soon? I'm amazed they're not.
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>> (Yes, I have the implementation from MGLib)
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>> If you need a reason, look no further than
http://en.wikipedia.org/wiki/Universal_Transverse_Mercator_c oordinate_system
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> This is a very reasonable request. While we're at it, maybe we should add secant, cosecant and cotangent functions. And a log base 2 function. Here's the list of transcendental functions currently in IDL:
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>
>   http://www.exelisvis.com/docs/routines-65.html
>
>
>
> Any others?
>
>
>
> mp

For log base 2 (or any other base), just make your own function:

```
function alogn, x, n
  return, alog(x)/alog(n)
end
```

And secant, cosecant, cotangent are even easier. Just more 1-liners.