

---

Subject: Re: Inverse hyperbolics?

Posted by [tom.grydeland](#) on Thu, 12 Sep 2013 09:58:50 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

On Wednesday, September 11, 2013 6:14:43 PM UTC+2, Mark Piper wrote:

> This is a very reasonable request.

Glad you think so! :-)

> While we're at it, maybe we should add secant, cosecant and cotangent functions.

... and their hyperbolic counterparts?

> And a log base 2 function.

Certainly.

> <http://www.exelisvis.com/docs/routines-65.html>

> Any others?

We've found that an 'EXPI' function, returning 'COMPLEX(COS(X), SIN(X))', would give a significant improvement in performance over 'EXP(I\*X)' for a real argument.

> mp

--T

---