
Subject: Re: GPULib 1.6 released

Posted by [Michael Galloy](#) on Thu, 02 May 2013 17:46:58 GMT

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On 5/2/13 3:53 AM, superchromix wrote:

>

> This looks great. Last year at the AGU you presented a poster on GPU
> accelerated curve fitting. Are these accelerated curve fitting
> routines included in the new release?

The linear algebra library routines we will need for a full GPU solution are there, i.e., GPU accelerated LAPACK routines, but not an end-to-end curve fitting solution yet.

As part of that work on the poster last year, I was able to do GPU accelerated function evaluation and get a decent speed up (about 6x) for fitting. Depending on your fitting function, this might be a good solution.

Mike

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Modern IDL: A Guide to IDL Programming (<http://modernidl.idldev.com>)

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