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Subject: GPU implementation for Grey-Level-Co-occurrence-Matrix & Haralick Matrix  
Posted by [lefsky@gmail.com](mailto:lefsky@gmail.com) on Fri, 15 Aug 2014 15:33:36 GMT

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I have been looking for a program to calculate the Grey-Level-Co-occurrence-Matrix matrix and Haralick indices using GPU acceleration, but there doesn't seem to be a good solution out there. There are academic papers describing solutions but no actual software implementations suitable for application.

Does anyone know of a GPU implementation of this algorithm? Are there individuals out there who could handle this programming? Tech-X (makers of GPU-Lib) offer programming services- does anyone have experience with this and if so, would you be willing to comment on what that costs? (You might be best off emailing me with that information).

Thanks

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Subject: Re: GPU implementation for Grey-Level-Co-occurrence-Matrix & Haralick Matrix

Posted by [Michael Galloy](#) on Sat, 16 Aug 2014 02:35:47 GMT

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On 8/15/14, 9:33 am, [lefsky@gmail.com](mailto:lefsky@gmail.com) wrote:

- > I have been looking for a program to calculate the
- > Grey-Level-Co-occurrence-Matrix matrix and Haralick indices using GPU
- > acceleration, but there doesn't seem to be a good solution out there.
- > There are academic papers describing solutions but no actual software
- > implementations suitable for application.
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- > Does anyone know of a GPU implementation of this algorithm? Are there
- > individuals out there who could handle this programming? Tech-X
- > (makers of GPU-Lib) offer programming services- does anyone have
- > experience with this and if so, would you be willing to comment on
- > what that costs? (You might be best off emailing me with that
- > information).

Tech-X definitely does offer these services and I will email you to discuss in more detail.

Mike

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Michael Galloy

[www.michaelgalloy.com](http://www.michaelgalloy.com)

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

Research Mathematician

Tech-X Corporation

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