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Subject: Re: Tasseled Cap in IDL?

Posted by [David Fanning](#) on Wed, 29 Aug 2012 12:45:07 GMT

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Yngvar Larsen writes:

- > Sorry for late answer, but since nobody answered yet...
- > (Though likely you already resolved this by yourself,
- > since Google knows the answer.)

Yes, but like most things, the answer is a little bit more complicated than you think it is going to be. :-)

Anyway, I've written a `cgTasseledCap` function that goes along with a `cgTasseledCapCoeffs` function that can return a number (eight, if I remember correctly) of tasseled cap matrices with coefficients for performing the operation, depending upon what kind of data you have.

Most of the coefficients apply to various types of Landsat data, but there are some Quickbird coefficients there as well.

I haven't officially released the code yet, as I am still testing it. But, I'm reasonably sure it is working correctly. Look for it by the end of the week.

Cheers,

David

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David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

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