
Subject: Re: Cross-correlation of two images?
Posted by [wbiagiot](#) on Fri, 04 Jun 1999 07:00:00 GMT
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"Craig Hamilton" <cah@medeng.wfubmc.edu> wrote:

>
> I want to compute the cross-correlation of two images and have just
> had a browse of the documentation. Seems that I've got to put it
> together myself, either using convolv() after suitable transposition
> of
> one of the images, or either doing it using FFTs.
>
> I bet someone has already got a canned routine that does this.
> Am I right?
>

Hi Craig,

I haven't tried cross correlation with images, but a cursory examination of IDL's C_CORRELATE routine looks like it will handle 2 dimensional arrays. Isn't that what you are looking for? If the answer is yes, I have a modified version of C_CORRELATE (available on Ron K.'s website) which runs about 60% faster on computations with multiple lag factors, that you might be interested in.

-Bill B.

Sent via Deja.com <http://www.deja.com/>
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