
Subject: Re: Cross-correlation of two images?

Posted by [badaastro](#) on Mon, 07 Jun 1999 07:00:00 GMT

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In comp.lang.idl-pvwave 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?

Yup. Go to:

<http://idlastro.gsfc.nasa.gov/contents.html>

Under "Image Manipulation" is a list of routines starting with 'correl*'.

Or, you could take the total of each image in each direction ($y1 = \text{total}(\text{image1},1)$ & $x1 = \text{total}(\text{image1},2)$) and cross correlate the 1D vectors.

* * * * * The Bad Astronomer * * * * *

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