
Subject: Re: help needed in understanding `correl_images`
Posted by [Helder Marchetto](#) on Mon, 19 Sep 2016 10:11:16 GMT
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On Monday, September 19, 2016 at 10:19:25 AM UTC+2, sid wrote:

> Hello all,
> I have taken two images
> `image1(701,501)`
> `image2(701,501)`
>
> I need to find the xshift in these two images and have used the
> `correl_images` it gives a 15 by 15 pixel output.
>
> But couldnt understand what this output array is.
>
> Can anybody pls explain this.
> thanks

Hi,
my guess, is that what you *really* want is `correl_optimize`. This uses `correl_images` and `corrmatrix_analyze` to give you the x,y-shift.
The alternative is to use phase correlation (https://en.wikipedia.org/wiki/Phase_correlation).

Helder
