
Subject: Re: correlation of single pixels
Posted by [haikoley](#) on Fri, 09 Nov 2012 07:53:26 GMT
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Thanks Klemen,

but somehow it didn't really help. I figured I have to use a template consisting of my pixel and the neighboring pixels to find the offset. But something's wrong.

I tried:

```
CONV= where(max(CONCOVAR(image1, image2, /Correl)))
```

where concovar is a function returning the correlationmatrix of the images, but somehow all my offsets are 0. That can't be (I checked on the images and there must be an offset around 1 or 2 pixels).

On the other hand I tried using `correl_optimize` (I found it on the internet), but those results are even weirder. My template is an array of 5x3 elements and the other image is an array of 11x3 elements. `correl_optimize` returns a y-offset between -2,5 and 2,5 pixels. But how can the y-offset possibly be in a range of 5 pixels when both images only consist of three pixels in y direction? Same with x direction.

I don't have a clue as to what I do wrong. Has someone an explanation for this?

cheers,
Max
