Subject: Re: int of pixel and surrounding pixels Posted by David Fanning on Tue, 25 Sep 2007 17:32:43 GMT

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## rpertaub@gmail.com writes:

- > I am trying to find the intensity of a pixel and its surrounding
- > pixel.

>

- > I have a list of x and y coordinates as my points of interest. I want
- > to find the intensity at that pixel and the ones surrounding it and
- > obtain a mean of those 9 pixels. I want to do this for all my
- > coordinates, so I will be using a for loop to go from one coordinate
- > to another. Is there a quick way of reading the pixel int of adjacent
- > pixels so my for loop is not too slow?

You want something like this:

```
mean = Mean(image, 3)
values = mean[x, y]
```

Where X and Y are vectors of your coordinates.

Cheers.

David

--

David Fanning, Ph.D.

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Coyote's Guide to IDL Programming: http://www.dfanning.com/

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