
Subject: Re: pixel value to x and y position
Posted by [David Fanning](#) on Thu, 30 Jul 2009 15:51:29 GMT
[View Forum Message](#) <> [Reply to Message](#)

mark nolan writes:

> i have a multi tiff file, pictures of a moving bead. we would
> like to track the movement of the bead. we first subtract
> background, then clean it up by setting up threshold and then
> i used the morph_open. finally we label the regions and
> discriminate our bead from others (by area matching). we then
> call the pixels that are in those regions. using the formula
> above we calculate the x and y for each pixel and then average
> it (i.e. total(x)/num_of_pixels). the y seems to be ok however
> we have weird results for the x. please help me!!

I don't know what "call the pixels" means, but if
you mean "identify the indices of the pixels in the
region of interest" with something like the WHERE function,
then I don't see any reason why you would have to know
the columns and rows. But, if you did, you could use
ARRAY_INDICES to obtain them.

Cheers,

David

--

David Fanning, Ph.D.
Coyote's Guide to IDL Programming (www.dfanning.com)
Sepore ma de ni thui. ("Perhaps thou speakest truth.")