
Subject: shifting a mask over an image

Posted by [haikoley](#) on Mon, 26 Nov 2012 11:13:49 GMT

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Hi,

I'm trying to move a mask over an image using the shift function. But I'm not sure if I really understood the description in the IDL help.

Let's say I have a 10x10 mask and a 100x100 image. In this case I have to create an array with the same size as my image. It is filled with 0 and my mask. Then I start moving the mask inside that array (in x direction and y direction). But every time I do it with both direction, there is an error message telling me that I have an incorrect number of arguments. It works fine for one dimension, though.

Has anyone an idea how I can shift in both directions?

Btw, my code looks like this:

```
for i=0, n-1 do begin
for j=0, n-1 do begin
result=shift(template, shift_x[i], shift_y[j])
cor=where(max(correlate(result, image))
endfor
endfor
```

thanks,
max
