
Subject: Points in a rectangle with an angle

Posted by [JJMeyers2](#) on Wed, 05 Apr 2006 16:32:46 GMT

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Hello,

I have a problem in IDL that I was wondering if anyone has any idea how it can be done.

I have a set of coordinates and I am trying to figure out how many of the coordinates are inside a rectangle. I know the coordinates of the 4 edges of the rectangle but the problem is that the rectangle is at an angle in the x,y axis (I know the slope). I can not just say
coords=where((x LE xmax) AND (x GT xmin) AND (y LE ymin) AND (y GT ymax))

because that will give me coordinates of a rectangle without an angle (parallel to the y axis).

Is there any function in IDL that might be doing that?

Thank you,
JJM.
