Subject: Re: plots

Posted by ashraf on Fri, 02 Mar 2007 15:57:42 GMT

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These are integer pixel coordinates which form a closed boundary of an object, so each pixel will have at least two neighbours. I guess my question is how do you trace the boundary of an object if the all you have is an 2D array of noncontiguous pixel coordinates. Cheers ashraf.

## Paolo Grigis wrote:

```
> I don't believe there is a unique solution,
> how would you connect these points?
>
> x=[0,1,1,0,0.5]
> y=[0,0,1,1,0.5]
>
> Ciao,
> Paolo
> ashraf wrote:
>> Hello.
>> I have col and row coordinates of a polygon that I would like to plot
>> on an image using PLOTS function, but the data is noncontiguous, how
>> can I re-arrange the data so that it is contiguous, i.e. starting from
>> an arbitrary point on the polygon, the next point is the one coonected
>> to the first point say by moving anticlockwise and so on. Otherwise is
>> there another function in IDL that can plot noncontiguous data over an
>> image?
>> Thanks.
>> ashraf.
>>
```