
Subject: Re: match_2d

Posted by [vino](#) on Thu, 06 May 2010 11:27:07 GMT

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Can you tell us what your error/problem when using this??

One thing i do is to use reform to make sure x1,y1,x2 and y2 is a 1D array.

Regards,

Vino

On May 6, 9:29 am, Dave Poreh <d.po...@gmail.com> wrote:

```
> Hello everyone,
> I have a problem that I can't fix.
> I am using match_2d from J.D.Smith's library to match between two
> catalogues. Below is what i am doing:
> IDL> print, laser
> 13.51132      78.08015      2.244529
> 13.5041 78.07921      2.416421
> 13.49686      78.07828      2.420123
> 13.48957      78.07736      2.668057
> 13.48225      78.07644      2.652986
> 13.4749 78.07554      2.604654
> 13.46749      78.07465      2.373039
> 13.46009      78.07375      2.699916
> .....
> IDL> print, sat
> 13.50834      78.08333      5.965842
> 13.50001      78.08333      3.459386
> 13.50001      78.075 3.092191
> 13.49168      78.075 3.444704
> 13.48334      78.075 3.364458
> 13.47501      78.075 3.108061
> 13.46668      78.075 3.121016
> 13.45834      78.075 3.017546
> 13.45001      78.075 3.15583
> .....
> What I want to do is find the closest data from array laser to each of
> array sat and then average them (of course for some points of sat I do
> not have close laser data). At the end I want to plot sat data and
> averaged laser to comparison.
> x1=laser[0,*]
> y1=laser[1,*]
> x2=sat[0,*]
> y2=sat[1,*]
>
> match=match_2d(x1,y1,x2,y2,0.008,MATCH_DISTANCE=md)
> Any help highly appreciated
```

> Cheers
> Dave
