
Subject: match_2d

Posted by [vino](#) on Mon, 20 Apr 2009 13:40:19 GMT

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Hello everyone,

I am using match_2d from J.D.Smith's library (http://tir.astro.utoledo.edu/idl/match_2d.pro) to match between two catalogues. Below is what i am doing :

```
IDL> print,star_radec1
  242.759  -29.4162
  252.666  -31.6364
  250.523  -30.5292
  244.782  -20.2181
IDL> print,star_radec2
  252.666  -31.6364
  250.523  -30.5292
  267.782  -22.9120
IDL> match=match_2d(star_radec1(0,*),star_radec1(1,*),star_radec2
(0,*),star_radec2(1,*),.02,MATCH_DISTANCE=md)
IDL> print,match
   -1    -1    -1    -1
IDL> print,md
 5.98943e-22  3.62562 2.23579e-17 2.62037e-22
```

Eventhough there are 3 objects matching, why is it that match_2d is not finding them?? I shall be very grateful for any pointers...

Thanks and regards,

Vino
