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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](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

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