
Subject: Re: match_2d

Posted by [Jeremy Bailin](#) on Tue, 21 Apr 2009 15:47:01 GMT

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On Apr 20, 9:40 am, vino <astrocr...@gmail.com> wrote:

> Hello everyone,

>

> I am using match_2d from J.D.Smith's library ([http://](http://tir.astro.utoledo.edu/idl/match_2d.pro)

> 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

It looks like MATCH_2D requires that its inputs be flat vectors, but instead you're feeding it [1,N] arrays.

-Jeremy.
