Subject: Re: match_2d
Posted by vino on Tue, 21 Apr 2009 16:23:11 GMT
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Hi Jerely Ballin,

I even tried reforming them before input like this :

DL> match=match_2d(reform(star_radec1(0,*)),reform(star_radec1
(1,*)),reform(star_radec2
(0,*)),reform(star_radec2(1,*)),.02,MATCH_DISTANCE=md)

Even this doesnt seem to work.... :(

Eventhough in this eg, we need to do a one-to-one match, in my
original data, it has to be one-to-many as well...Will the routine
work for that as well??

Thanks and regards,

Vino

On Apr 21, 4:47 pm, Jeremy Bailin <astroco...@gmail.com> wrote:
> 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://
>> 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.
