
Subject: Re: Matching 2 lists

Posted by [David Baker](#) on Sat, 21 Aug 2010 15:35:29 GMT

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On Aug 21, 4:28 pm, Gray <grayliketheco...@gmail.com> wrote:

> On Aug 21, 11:16 am, David Baker <de...@le.ac.uk> wrote:

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>> On Aug 21, 4:11 pm, David Baker <de...@le.ac.uk> wrote:

>

>>> Hi there,

>>> I'm wondering if someone can help me. I'm trying to match

>>> two lists of stars together. Where I differ from the standard 1-1

>>> match that match_2d.pro does so well is that I would like to be able

>>> to compute a 1-many match. I.e find any star in list B that is a

>>> possible match to a single star in list A not just the closest.

>

>>> Many thanks for any help that someone can provide

>

>>> David

>

>> -oh and just in case, the coordinates are just x and y pixel

>> coordinates not ra and dec. It's just simple euclidean distance that

>> I'm using to set the search radius

>

> If you're using IDL 8.0, you could modify match_2d to return a list of

> length n_a, where each element is an array of indices into b.

Thanks for the advice, whilst I maybe comfortable programming basic stuff I can't even begin to follow the match_2d code so wouldn't know where exactly to code in what you suggest. But that is exactly what I'm after.

-Cheers,

David
