
Subject: Re: Matching 2 lists

Posted by [Gray](#) on Sat, 21 Aug 2010 15:28:23 GMT

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

> 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.
