
Subject: Re: Matching 2 lists

Posted by [David Baker](#) on Sat, 21 Aug 2010 16:37:34 GMT

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On Aug 21, 4:35 pm, David Baker <de...@le.ac.uk> wrote:

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

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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.

>

> 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

You mentioned using IDL 8.0. My university is currently still on 7.1.1, is there anything unique about IDL 8.0 to the solution you propose?
