

---

Subject: Re: Find the nearest location only on left/right side in SRCOR and MATCH\_2D function

Posted by [Jeremy Bailin](#) on Fri, 11 Nov 2011 16:19:22 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

On 11/11/11 7:22 AM, vijay s wrote:

> Hi,

>

> I want to match two set of coordinates for that i had used SRCOR

> and MATCH\_2D function. These two find the nearest neighbor of

> locations in all directions. But, i need to find the location (x2,y2)

> which is near and only left side of x1,y1. For all pair i want the left

> most nearest. How i can change the above functions for my

> requirements.

>

>

> Thanks

I think that you can do this very efficiently in MATCH\_2D by simply replacing the i for loop with i=1. I.e. replace:

for i=0,1 do begin ;; Loop over 4 bins in the correct quadrant direction

with

i=1 ;; Only look to the right of x2,y2

and get rid of the last endfor.

-Jeremy.

---