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Subject: Re: match\_2d

Posted by [wlandsman](#) on Thu, 06 May 2010 18:11:23 GMT

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> Actually there is no error, but I can't understand the procedure. At  
> the end output is a 1D array (match). What I want is for each pixel of  
> SAT array find the closest data from laser array (but I don't know how  
> to do that).  
> Cheers  
> Dave

In your example

```
match=match_2d(x1,y1,x2,y2,0.008,MATCH_DISTANCE=md)
```

'match' gives the indices of x2,y2 which are the closest match to  
x1,y1. So the closest point to x1[0],y1[0] is  
x2[match[0]],y2[match[0]].

--Wayne

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