
Subject: Re: IDL: plotting wind vector

Posted by [Aram Panasenco](#) on Thu, 06 May 2010 00:23:35 GMT

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Kwang. Jae LEE wrote:

```
> To display wind vector , I used 'PARTVELVEC' routine.
> ordinary case it is used for XY field, PARTVELVEC, VELX, VELY, POSX,
> POSY
>
> but how is on YZ field ?
> I'm trying to display wind vector on Latitue and Altitude using v-wind
> and omega-wind
> my application based on in XY field to YZ space like below doesn't
> work.
>
> after contouring some value, and I want to overplot windvector
> I re-produced 'lat' and 'alt' into 2-D , below is right?
> I dont' fully understand
>
> anyone would help me??
> thanks
>
>
>
> ;-----
>
> ; lat(ny),alt(nz)
> contour,con,lat,alt,xrange=[-90,90],/noerase
>
> lat= rebin(lat,ny,nz)
> alt= transpose(rebin(alt,nz,ny))
> PARTVELVEC, v, w,lat,alt,FRACTION=0.2,LENGTH=0.05, /OVER
>
>
Hello there!
```

The routine that you are describing doesn't seem to be a very common one, so I am not sure how many people have used it or even heard of it (I haven't). Check the routine's source code - most likely a file named partvelvec.pro for the header. The header (if any) should contain information about how the routine is meant to be used, what it does, what parameters it accepts, etc. If you didn't find what you are looking for in the routine's header, you should contact either the person who gave you the routine or the routine's author (author's name and contact SHOULD be in the routine's source code, double check!)

Hope that was of some help,
~Aram Panasenco
