
Subject: VELOVECT Procedure
Posted by [Ali Gamal](#) on Fri, 20 Jan 2017 16:06:30 GMT
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I have image as two dimensional array as

```
.....  
IDL> help,b_az  
B_AZ      FLOAT    = Array[500, 1000]  
.....
```

I want to use VELOVECT Procedure to draw arrows of values of B_az on this image. when i use this command as

```
VELOVECT, B_az,B_az,/overplot
```

appear whit rectangular on this image !!!!

How can I draw arrows of values of B_az on this image correctly?

Subject: Re: VELOVECT Procedure
Posted by [Ali Gamal](#) on Fri, 20 Jan 2017 16:20:09 GMT
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On Friday, January 20, 2017 at 6:06:32 PM UTC+2, AGW wrote:

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I want to do like this

<http://www11.0zz0.com/2017/01/20/19/217102276.jpg>

Subject: Re: VELOVECT Procedure
Posted by [Ali Gamal](#) on Fri, 20 Jan 2017 16:22:42 GMT
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On Friday, January 20, 2017 at 6:06:32 PM UTC+2, AGW wrote:

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<http://www11.0zz0.com/2017/01/20/19/217102276.jpg>

Subject: Re: VELOVECT Procedure

Posted by [Matthew Argall](#) on Fri, 20 Jan 2017 18:27:32 GMT

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Have you seen this example?

<http://www.idlcoyote.com/gallery/index.html#VELOCITYVECTOR>

Subject: Re: VELOVECT Procedure

Posted by [Ali Gamal](#) on Sat, 21 Jan 2017 12:09:38 GMT

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On Friday, January 20, 2017 at 6:06:32 PM UTC+2, AGW wrote:

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I seen this examples but I did not found what I want.

Subject: Re: VELOVECT Procedure

Posted by [Ali Gamal](#) on Sun, 22 Jan 2017 07:23:50 GMT

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On Friday, January 20, 2017 at 6:06:32 PM UTC+2, AGW wrote:

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any help

Subject: Re: VELOVECT Procedure

Posted by [Jim Pendleton](#) on Sun, 22 Jan 2017 17:33:17 GMT

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On Sunday, January 22, 2017 at 12:23:53 AM UTC-7, AGW wrote:

> On Friday, January 20, 2017 at 6:06:32 PM UTC+2, AGW wrote:

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> any help

How did you display your image in order to overplot the vectors? Did you establish your image display's data coordinate system or just use TV or the equivalent? Velovect when using OVERPLOT expects a data coordinate space to have been established first. That is, it needs to know where the origin of the image is in the window, and the scaling between pixels and data space.
