
Subject: Re: idl routine velovect
Posted by [davidf](#) on Thu, 06 Feb 1997 08:00:00 GMT
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Martin Kempt <mk1@kepler.unh.edu> writes:

> I'm struggling with the idl routine VELOVECT.
> I would like to obtain a squared output of a velocity field
> in X windows and in postscript. Neither setting:
>
> IDL>window,0,xs=400,ys=400
>
> nor
>
> IDL>device,filename='myfile.ps',xsize=10,ysize=10
>
> gave an exactly squared plot in X windows or postscript?!

I would download the program ASPECT from my web page.
It allows you to make a plot of any aspect ratio in the
current graphics window (including PostScript). If I
want a "square" plot, I do this:

```
squarePositions = ASPECT(1.0)  
PLOT, data, Position=squarePositions
```

> Furthermore, does anyone know how to fix the length scale
> of the vectors. The VELOVECT routine sizes the vectors
> in relation to the longest vector. This does not allow to compare
> different vector fields.

Have you tried setting the LENGTH keyword?

Cheers!

David

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