
Subject: Plotting Velocity Vectors- Help Required
Posted by [gnaa38](#) on Mon, 05 Jul 1993 10:42:03 GMT
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Followup-To:
From: gnaa38@gla.ac.uk (Paul Porcelli)
Reply-To: gnaa38@gla.ac.uk
Organization: Glasgow University
Subject: IDL plotting velocity vectors help required
Keywords:

I have an existing Fortran/Gino program that i am using to plot velocity vectors.

I also have an evaluation copy of IDL and am trying to rewrite the program in IDL to compare them.

Im not sure how to emulate part of my program however and wonder if anyone can advise.

My vectors need arrows to show direction and velocity. I achieve this in the Fortran program by scaling the vectors appropriately. This gives me two sets of X and Y coordinates. The second set are calculated by adding the scaling.

I then plot the vectors by moving to the first set of X and Y's and then using the Gino Arrow command to draw an arrow to the second set of X and Y's. This gives me the required direction, and the speed is represented by the length of the arrow.

If anyone has done this in IDL or PV-Wave i'd be grateful for some advice.

Thanks in advance.

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