
Subject: Re: Flow3 procedure
Posted by [eoraptor](#) on Sat, 15 May 2004 23:43:21 GMT
[View Forum Message](#) <> [Reply to Message](#)

I'm trying to help Adhara get her flow velocity data to plot using FLOW3.

FLOW3, Vx, Vy, Vz [,ARROWSIZE=value] [,/BLOB] [,LEN=value]
[,NSTEPS=value] [,NVECS=value] [,SX=vector,SY=vector,SZ=vector]

She has 3 float arrays named Vx, Vy, and Vz that are of dimensioned (90,360,360). Vx contains the magnitude of the flow vector in the x direction, Vy is the magnitude in the y direction, etc.

The actual values in the arrays Vx, Vy, and Vz are almost all zero. The few values that are non-zero are +/- in the range of e-005.

Since most of the values in her arrays are zero, should she be using WHERE to extract out the non-zero magnitudes before calling FLOW3? The arrays of SX, SY, and SZ in FLOW3 could be used to give the x,y,z coordinates of the non-zero magnitudes, right?

Thanks,
Richard
