
Subject: Re: Help with PLOTS

Posted by [meron](#) on Fri, 16 Feb 1996 08:00:00 GMT

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In article <4g2r6b\$1k@maze.dpo.uab.edu>, rkj@dukebar.crml.uab.edu (R. Kyle Justice) writes:

> Can anyone help with the following problem using

> PV-Wave's PLOTS function:

>

> I have two arrays(xarr, yarr), one containing x and the other

> containing y coordinates that I want to plot on top of

> an image.

>

> The following command does not give me what I want and I

> can't figure out why:

>

> PLOTS, [xarr,xarr], [yarr,yarr], /Device

>

>

> If I use a loop I get the desired results, but it is

> quite slow at plotting the points:

>

> FOR i=0,N_ELEMENTS(xarr)-1 DO PLOTS, \$

> [xarr(i),xarr(i)], [yarr(i),yarr(i)], /Device

>

> (xarr and yarr have the same number of elements)

>

> I know there has to be a way to plot the points

> using array notation without looping . . .

>

>

Just do

PLOTS, XARR, YARR [optional keywords here]

By doubling the array (the way you did it) you loop back from your last point to the first one, introducing an extra straight line. Is this what happened?

Mati Meron | "When you argue with a fool,
meron@cars3.uchicago.edu | chances are he is doing just the same"
