
Subject: Plotting with pvwave

Posted by [pwm](#) on Thu, 12 Mar 1992 19:03:54 GMT

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We have pvwave on our DEC 5000, and I would like to use it for plotting simulation output. I want to use pvwave because it is the only graphics software on our machine. I have run into a number of difficulties that I am sure others have had.

Some of the features that I need or would like include:

- a matlab like plot command where plot(x,y) accepts a matrix y and automatically scales the y-axis, and automatically changes line colors and styles. plot and oplot in wave are quite cumbersome at this.
- an automatic legend routine that puts variable names and line styles in a specified location.
- dashed grid lines
- a way to print the plot as it appears on the screen.

This would allow one to tinker with the plot to get it just right, and then just type print.

- interactive zoom (like xgraph) has.

I have played with pvwave for some time trying to get an adequate plotting routine and no longer have time to continue.

I would like to hear from more experience users on their ideas, suggestions, or already written routines.

Sincerely,
Phil Miller
