

Additional Notes in LaTeX

(1) Arrays of Data:

Here is a sample table of data in LaTeX:

```
$$
\begin{array}{c|ccc}
&\mbox{First} & \mbox{Second} & \mbox{Third} & \\
\hline
\mbox{Earth} & 0.23 & 1.23 & 1.54 & \\
\mbox{Mercury}& 0.54 & 1.00 & 0.75 & \\
\end{array}
$$
```

Which produces this:

	First	Second	Third
Earth	0.23	1.23	1.54
Mercury	0.54	1.00	0.75

If you want to add another column (or multiple columns), add extra “c”s. To add a fourth column for example,

```
$$
\begin{array}{c|cccc}
&\mbox{First} & \mbox{Second} & \mbox{Third} & \mbox{Fourth} & \\
\hline
\mbox{Earth} & 0.23 & 1.23 & 1.54 & & \\
\mbox{Mercury}& 0.54 & 1.00 & 0.75 & & \\
\end{array}
$$
```

The ampersand & is used to separate column entries in each row. The double slash, \\\ is used to end the row.

(2) Multiple Graphs in One Figure

We can include multiple graphs in a single figure. For example, if I have 4 related graphs in the postscript files `plot1.eps`, `plot2.eps`, `plot3.eps` and `plot4.eps`, then in LaTeX I can put them all in the same figure with the commands:

```
\begin{figure}
\centering
\includegraphics[width=2.0in]{plot1}
\includegraphics[width=2.0in]{plot2}
\includegraphics[width=2.0in]{plot3}
\includegraphics[width=2.0in]{plot4}
\caption{This is an example of having multiple plots
in one figure.}
\label{MultiPlot}
\end{figure}
```

Here is the result of using this code (on the next page):

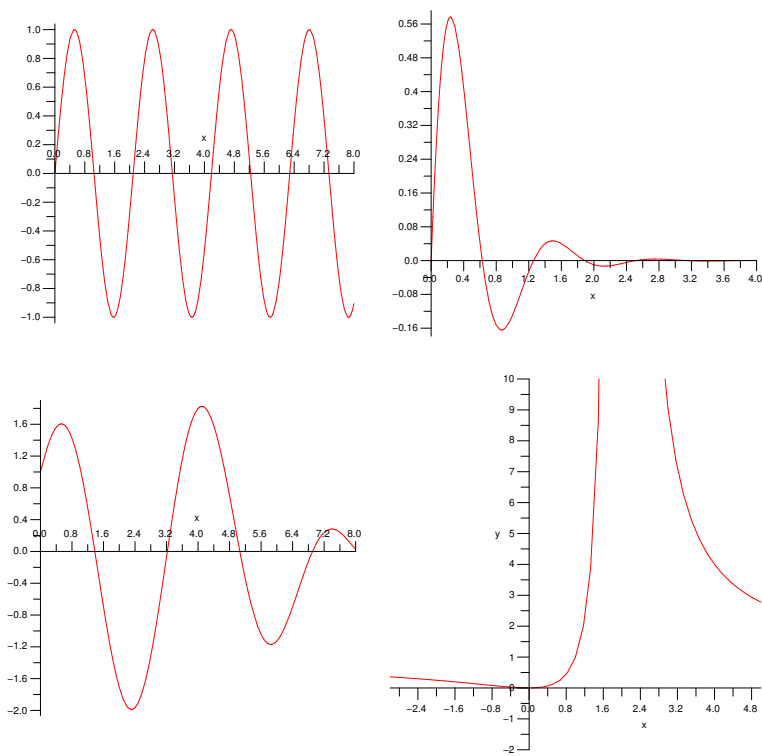


FIGURE 1. This is an example of having multiple plots in one figure.