Subject: Plotting Graphs on Same Plot With Axes Rescaled To Include Largest Range
Posted by Chris Williams on Mon, 09 May 2011 19:18:36 GMT

Is it possible to plot a set of 2D graphs on the same graph, with the
x,y-axes being rescaled to include the entire graph for each overplot?

The problem I am having is if I have two graphs, and the second graph
has a larger range than the first graph, both graphs will be on the
axes of the first graph instead of the second graph. This clips the
first graph which I do not want.

Using the /NOERASE keyword keeps ALL of the axes on a set of plot,
instead of the one with the largest range of values.

Ideally, I am looking for a keyword to automatically set the graph
axes to the data set with the largest range of values. For example,
when using gnuplot, if you "plot func1, func2, func3", gnuplot will
draw all three graphs and put them on the scale of the one with the
largest values, so that all of the functions can be seen.