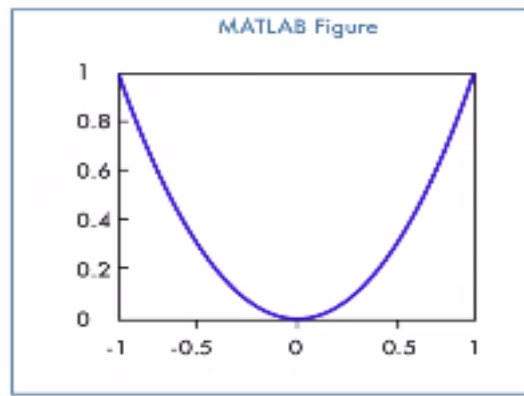


Annotating Graphs

Created by Math Works for
Structural Dynamics

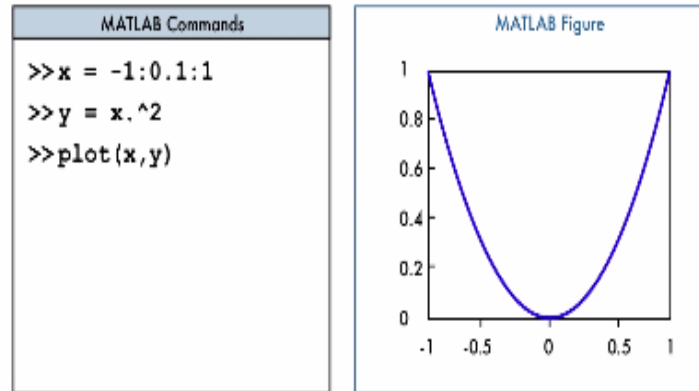
Math Works

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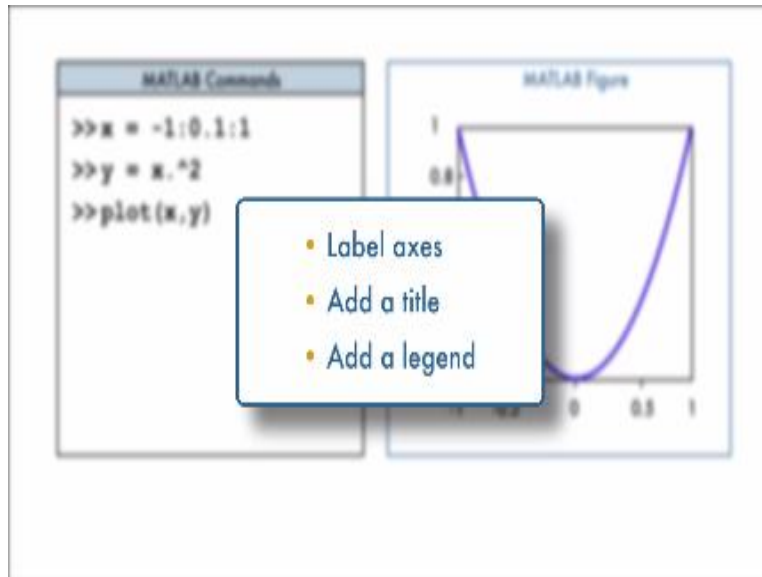
To create a plot in MATLAB such as the one shown we have seen how we can use commands like these.

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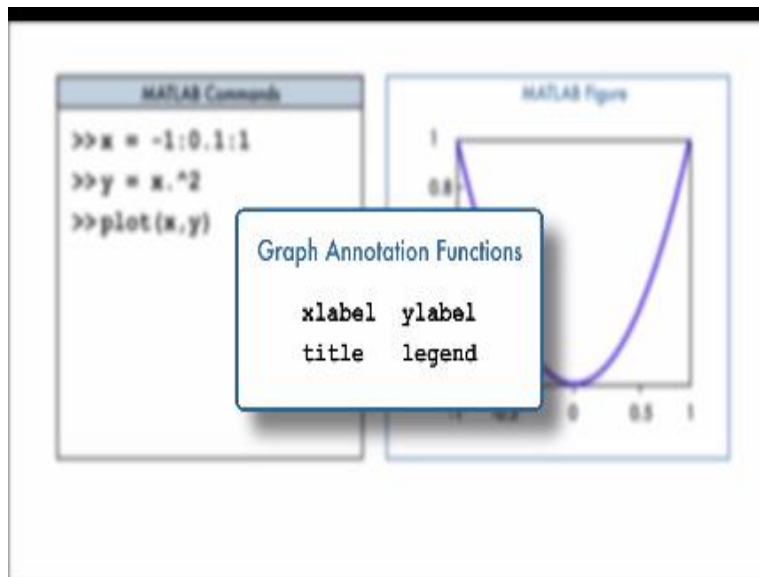
After creating the plot we may want to add additional information to the plot to make it more understandable.

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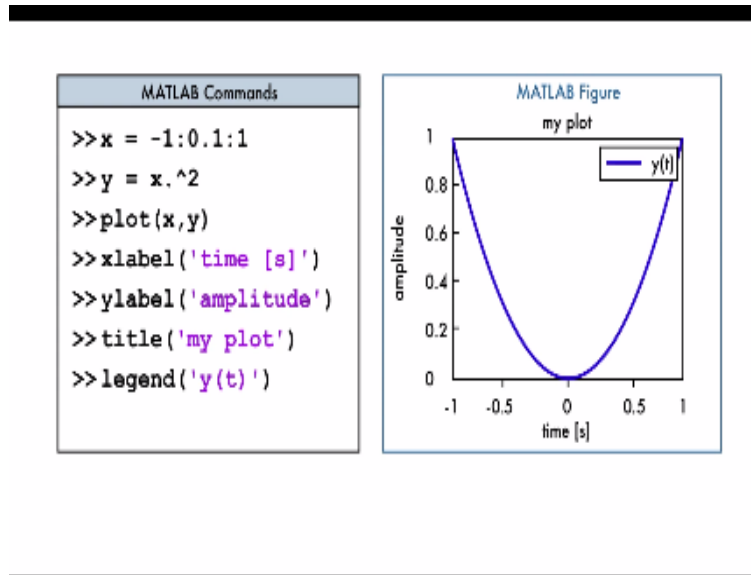
In particular we may want to add labels to the axes a title or a legend, in MATLAB there are many ways to annotate and customize our graphs let us look at four commonly used annotation functions.

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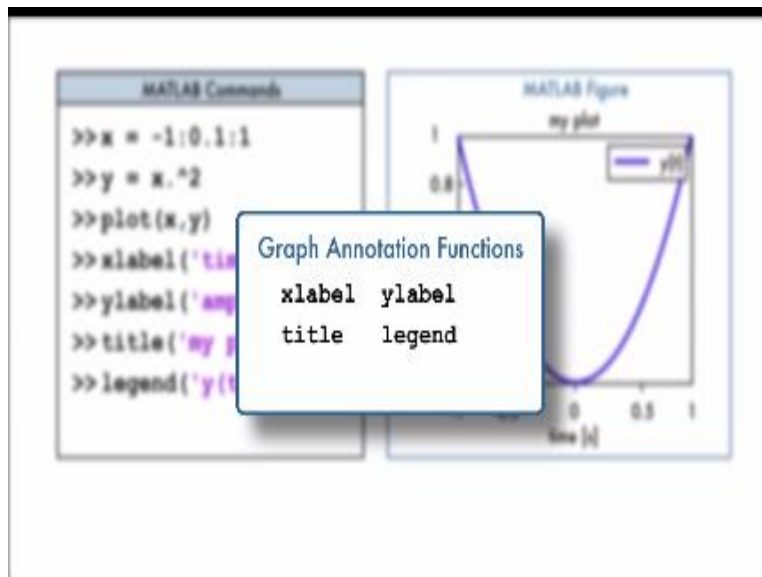
We can add a label to the x-axis with the X label function.

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Notice that we pass the label enclosed in single quotation marks as input to the x label function. Similarly we can add a label to the y axis with the wire label function again notice the input is enclosed in single quotation marks, we can add a title and a legend using the title and legend functions respectively.

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By experimenting with these four functions or try other functions available in MATLAB for customizing your graphs.

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