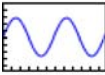
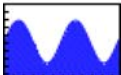
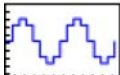

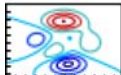
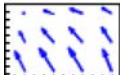

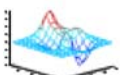




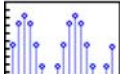

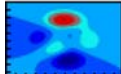





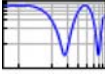

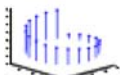







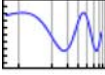



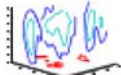
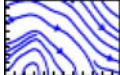

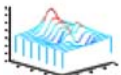
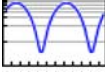
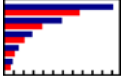
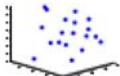
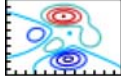


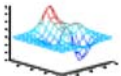
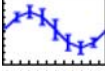

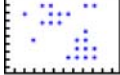
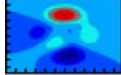


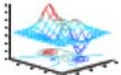
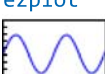

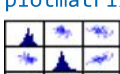
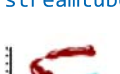



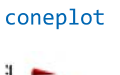



# Common Graphics Functions in MATLAB

There are various functions that you can use to plot data in MATLAB®. This table classifies and illustrates the common graphics functions.

Line Plots	Pie Charts, Bar Plots, and Histograms	Discrete Data Plots	Polar Plots	Contour Plots	Vector Fields	Surface and Mesh Plots		Polygons	Animation
plot 	area 	stairs 	polar 	contour 	quiver 	surf 	mesh 	fill 	animatedline 
plot3 	pie 	stem 	rose 	contourf 	quiver3 	surfc 	meshc 	fill3 	comet 
loglog 	pie3 	stem3 	compass 	contour3 	feather 	surf1 	meshz 	patch 	comet3 
semilogx 	bar 	scatter 	ezpolar 	contourslice 	streamslice 	ezsurf 	waterfall 		
semilogy 	barh 	scatter3 		ezcontour 	streamline 	ezsurfc 	ezmesh 		
errorbar 	bar3 	spy 		ezcontourf 	streamribbon 	ribbon 	ezmeshc 		
ezplot 	bar3h 	plotmatrix 			streamtube 	pcolor 			
ezplot3 	histogram 				coneplot 				
	pareto 								

## Related Examples

- [Create 2-D Graph and Customize Lines](#)
- [Create Graph Using Plots Tab](#)