

# Plot Wave Guide Equation With Matlab

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## **Matlab program to solve wave equation up to -**

"Kayanja Andy" wrote in message

news:ht5dap\$jrs\$1@fred.mathworks.com > New in matlab, Need help please in making a matlab program to

[http://www.mathworks.com/matlabcentral/newsreader/view\\_thread/282748](http://www.mathworks.com/matlabcentral/newsreader/view_thread/282748)

## **How can i plot fiber waveguide dispersion using -**

First I assume you are familiar with the fiber characteristic wave equation. If not, What is the Matlab code to plot a histogram? `imhist(x);`

[http://www.answers.com/Q/How can i plot fiber waveguide dispersion using matlab programme](http://www.answers.com/Q/How_can_i_plot_fiber_waveguide_dispersion_using_matlab_programme)

## **Wave guide perturbative solutions for the -**

We state that wave guide perturbative solutions of the Ginzburg Landau equation in the we plot the phase Wave guide solutions for the G L equation.

<http://www.sciencedirect.com/science/article/pii/S0921453498006923>

## **The effect of transverse modes in a wave- guide -**

of the circular wave guide,  $u_{nm}$  is the  $m$ th root of the equation: of the electrons for a number of wave-guide modes. For this plot a wave-guide

<http://www.sciencedirect.com/science/article/pii/S0030401896004750>

## **Solving Second Order Differential Equations in -**

Jun 05, 2008 This video describes how to solve second order initial value problems in Matlab, using the ode45 routine.

[http://www.youtube.com/watch?v=fx3bl4oA\\_0U](http://www.youtube.com/watch?v=fx3bl4oA_0U)

## **matlab - Plotting wave equation - Stack Overflow -**

I have been trying to plot a plane wave equation in Matlab. I am trying to plot the real So I used the following code in Matlab (for a single inst current

<http://stackoverflow.com/questions/27633985/plotting-wave-equation>

## **MATLAB Central - How to plot square wave in -**

How to plot square wave in Matlab? Subject such as square/rectangular wave..thats why i need to know the programming code or the Function Equation for square wave..

[http://in.mathworks.com/matlabcentral/newsreader/view\\_thread/268880](http://in.mathworks.com/matlabcentral/newsreader/view_thread/268880)

## **Waveguide (electromagnetism) - Wikipedia, the free -**

the electromagnetic wave equation, Wave guide electrotherapeutic system" Hopper, Wave guide frequency converter", September 10, 1957; Websites. antenna

[http://en.wikipedia.org/wiki/Waveguide\\_\(electromagnetism\)](http://en.wikipedia.org/wiki/Waveguide_(electromagnetism))

## **Sawtooth waveform in matlab? | Yahoo Answers -**

Jan 16, 2010 Generate 1.5 seconds of a 50 Hz sawtooth wave with a sample rate of 10 Sawtooth waveform in matlab? % formula for sawtooth generation plot(t(t

[https://answers.yahoo.com/question/index;\\_ylt=A0LEVznCorpVD9cAdiRXNyOA;\\_ylu=X3oDMTBzZGszamU1BGNvbG8DYmYxBHBvcwM0OOR2dGlkAwRzZWMDc3I-?qid=20100117051242AAlyufz&p=plot%20wave%20guide%20equation%20with%20matlab](https://answers.yahoo.com/question/index;_ylt=A0LEVznCorpVD9cAdiRXNyOA;_ylu=X3oDMTBzZGszamU1BGNvbG8DYmYxBHBvcwM0OOR2dGlkAwRzZWMDc3I-?qid=20100117051242AAlyufz&p=plot%20wave%20guide%20equation%20with%20matlab)

## **Control Tutorials for MATLAB and Simulink - MATLAB Basics -**

The equation for that looks like: plot(t,y) title('Sine Wave as a Function of Time Basic plotting is very easy in MATLAB, and the plot command has extensive

[http://ctms.engin.umich.edu/CTMS/index.php?aux=Basics\\_Matlab](http://ctms.engin.umich.edu/CTMS/index.php?aux=Basics_Matlab)

## **MATLAB Symbolic Mathematics Tutorial - Clarkson University -**

Experiment with other equations. We can also plot functions defined the sine wave with this line on numerical solution of equations using MATLAB.

<http://people.clarkson.edu/~wwilcox/ES100/symbtut.doc>

**Hi I want to plot the transcendental equation for -**

Hi I want to plot the transcendental equation for dielectric waveguide the equation for that is. transcendental equation for wave guide; `plot(x, wvgd1(x))`

<http://www.mathworks.com/matlabcentral/answers/160638-hi-i-want-to-plot-the-transcendental-equation-for-dielectric-waveguide-the-equation-for-that-is>

**Dispersion relation - Wikipedia, the free -**

In the presence of dispersion, wave velocity is no longer shows up as a slope change from  $p$  to  $p^2$  as shown in the log-log dispersion plot of  $E$  vs.  $p$

[http://en.wikipedia.org/wiki/Dispersion\\_relation](http://en.wikipedia.org/wiki/Dispersion_relation)

**fourier analysis - square wave matlab code - -**

I'm having some trouble generating a square wave in matlab via my equation. `wave + cos(2*i*pi*x)/(2*i*pi); end plot(x,wave)` Two comments for MATLAB

<http://math.stackexchange.com/questions/187009/square-wave-matlab-code>

**Plot Wave Guide Equation With Matlab -**

Plot Wave Guide Equation With Matlab Plotting the wave equation - UTK EFD News/Announcements Plotting the wave equation. A Matlab program that plots the wave equation

<http://manuals40.sjgeyerjuiceplus.com/e7b62be826b9524832d4a7f1f4e24898.pdf>

**SigmaPlot - Official Site -**

Refresh Graph Page and Modify Plot. saves your equation to your SigmaPlot Notebook, menu choices and forms to help guide novice users through a session.

<http://www.sigmaplot.com/products/sigmaplot/sigmaplot-details.php>

**how do i plot a sawtooth wave on matlab? | Yahoo -**

Aug 15, 2009 Best Answer: Here is an example. Just modify the amplitude  $a$  and the period  $T$ . `a = 3; T = 0.1; t = [0:0.001:1]'; y=a*mod(t,T); plot(t,y);`

[https://answers.yahoo.com/question/index;\\_ylt=A0LEVznCorpVD9cAYC RXNyOA;\\_ylu=X3oDMTBzCwK3YWM1BGNvbG8DYmYxBHBvcwMzNgR2dGlkAwRzZWMDc3I-?qid=20090816135942AAkAgGG&p=plot%20wave%20guide%20equation%20with%20matlab](https://answers.yahoo.com/question/index;_ylt=A0LEVznCorpVD9cAYC RXNyOA;_ylu=X3oDMTBzCwK3YWM1BGNvbG8DYmYxBHBvcwMzNgR2dGlkAwRzZWMDc3I-?qid=20090816135942AAkAgGG&p=plot%20wave%20guide%20equation%20with%20matlab)

### **Partial Differential Equations in MATLAB - Scribd -**

Partial Differential Equations in MATLAB. The first solution MATLAB will plot is a equation Heat equation Wave equation  
<https://www.scribd.com/doc/2071569/Partial-Differential-Equations-in-MATLAB>

### **Setting Up Equations | COMPASS Test Study Guide -**

Free study guide to setting up equations for the COMPASS the challenge of the problem was purely in setting up the equations we needed to solve and knowing to  
<http://www.mycompasstest.com/study-guide/algebra/setting-up-equations/>

### **Parametric Equations in Matlab - Mac OS X Server -**

Parametric Equations in Matlab. Matlab has animation capability that enables you to examine the plot of a set of parametric equations as it is drawn in real time.  
<http://msemac.redwoods.edu/~darnold/math50c/matlab/parametric/index.shtml>

### **What is the equation for frequency - Answers.com -**

What is the equation for frequency? . Edit. Answer by Fabiola2009 Wavelength  $\lambda$  and frequency  $f$  are connected by the wave speed  $c$  of the medium.  
[http://www.answers.com/Q/What\\_is\\_the\\_equation\\_for\\_frequency](http://www.answers.com/Q/What_is_the_equation_for_frequency)

### **Electromagnetic Waves and Antennas - Rutgers University -**

higher frequencies must take into account wave propagation effects at wave sources, solving Hallen's equation, plot in absolute units abz  
<http://www.ece.rutgers.edu/~orfanidi/ewa/>

### **Help with plotting triangular wave -**

1.Use MATLAB to demonstrate how the series converges to the triangular wave. 2.Generate a plot `plot(x)`", how is MATLAB to know the equation of the  
<https://www.physicsforums.com/threads/help-with-plotting-triangular-wave.661544/>

### **Control Tutorials for MATLAB and Simulink - -**

One of the most important functions in MATLAB is the plot function. Let's say you want to plot a sine wave and cosine wave on the same set of axes,  
[http://ctms.engin.umich.edu/CTMS/index.php?aux=Extras\\_Plot](http://ctms.engin.umich.edu/CTMS/index.php?aux=Extras_Plot)

## How to fit a curve to a damped sine wave in matlab -

I have some measurements done and It should be a damped sine wave but I can't find any information on how a good damped sine wave with Matlab's curve fitting

<http://stackoverflow.com/questions/16110185/how-to-fit-a-curve-to-a-damped-sine-wave-in-matlab>

## V63.0394 Mathematical Wave Dynamics: - Dartmouth -

Randy LeVeque's excellent online book on Finite Difference Methods for Differential Equations. wave.m: Matlab Matlab code for Lecture 4 WKB plot in Guide (for

<https://math.dartmouth.edu/~ahb/waves/>

## MATLAB Files | Numerical Methods for Partial Differential -

Many of the MATLAB programs linked Compute stencil approximating a derivative given a set of points and plot Nonlinear finite differences for the one-way wave

<http://ocw.mit.edu/courses/mathematics/18-336-numerical-methods-for-partial-differential-equations-spring-2009/matlab-files/>

## wave equation | Physics pages -

Physics and tagged wave equation, wave guide is a solution of the wave equation. Once we specify , we can plot it as is a solution of the wave equation as

<http://www.physicspages.com/tag/wave-equation/>

## Matlab plots and figure configuration | Matlab -

Matlab tutorial on plots, axis, we will show you how to plot data, Here is an example of a plot of a sine wave.

<http://matlabgeeks.com/tutorial/plots/>

## Matlab Code For Wave Equation | Tricia Joy -

and transmitted refracted wave Matlab Code What of the wave equation. You can also nd the Matlab code at the wave:  $a = 10 \cdot \sin(2 \cdot t)$  Plot

<http://www.triciajoy.com/subject/matlab+code+for+wave+equation/>

## Plotting parametric equations in MATLAB - YouTube -

Oct 31, 2010 Screencast on plotting parametric equations in 2D (using the PLOT command) and 3D (using the PLOT3 command) in MATLAB. Includes an example of putting a

<http://www.youtube.com/watch?v=PSe4707QLmE>

## Microwaves101 | Waveguide Mathematics -

This page contains some of important equations for rectangular waveguide. Here is an index Here's the equation for guide your wave is not

<http://www.microwaves101.com/encyclopedias/waveguide-mathematics>

**Wave Equation 2D Matlab - YouTube -**

Aug 09, 2013 Coded with Matlab (FEM), rendered with Pov-Ray

<http://www.youtube.com/watch?v=58197Yssf1I>