

MATLAB Programming for Engineers | (5th Edition)

Chapter 1, Problem 10E

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Step-by-step solution

Step 1 of 3

Type “cd('C:\Users\Uday\Documents\MATLAB\mynewdir’)” in the MATLAB command window to change the current directory MATLAB to the directory mynewdir.

Type the following commands in a file and save the file with the name test2.m and finally execute by typing test2 in the MATLAB command window. Then the plot appears as shown in Figure 1.

The following is the given MATLAB code:

```
% Create an input array from -2*pi to 2*pi  
t=-2*pi:pi/10:2*pi;  
% calculate |sin(t)|  
x=abs(sin(t));  
% plot result  
plot(t,x);
```

Comment

Step 2 of 3

The following is the plot of the given MATLAB code.

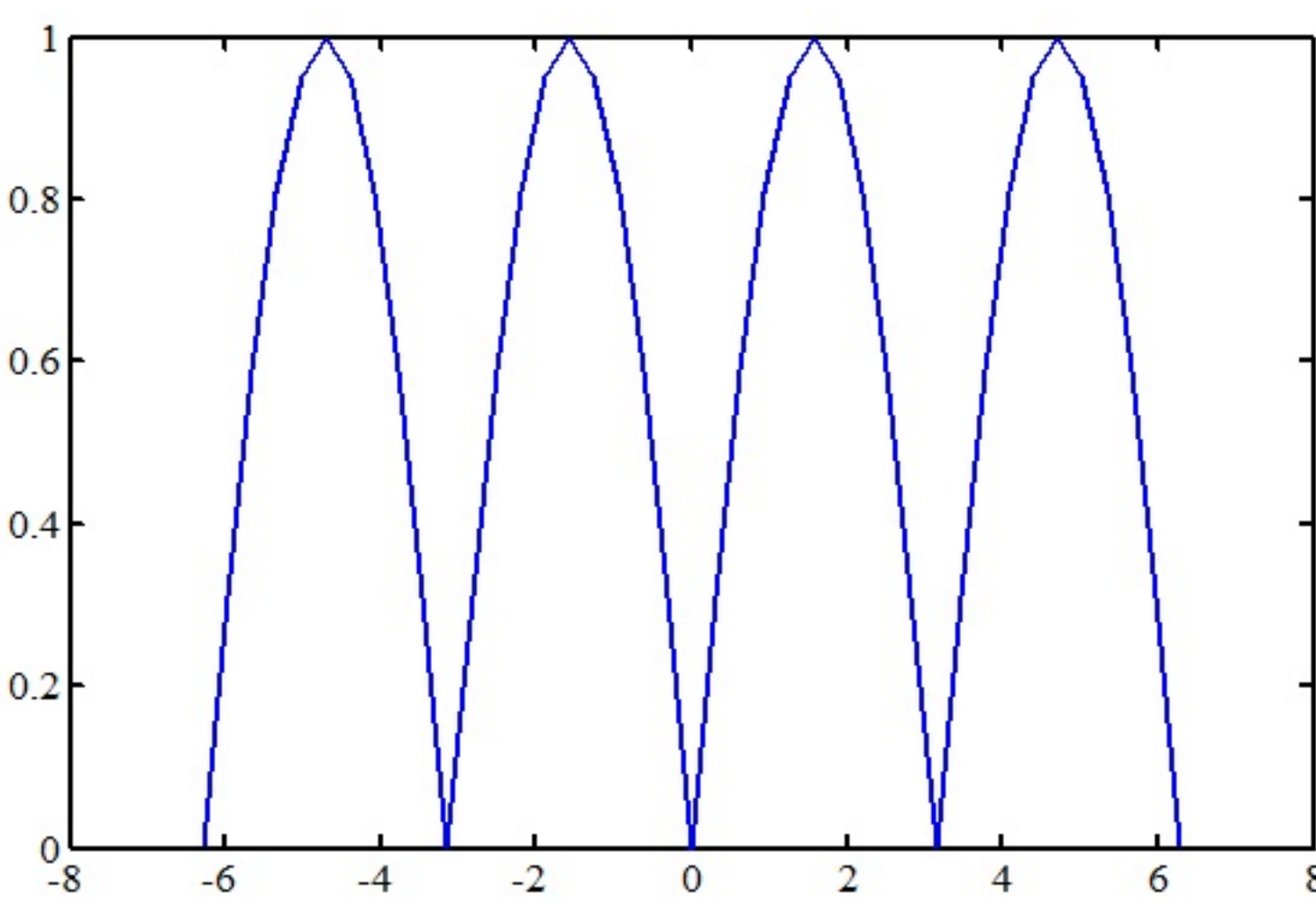


Figure 1: x versus t

Comment

Step 3 of 3

Close the figure window and now again type

“cd('C:\Users\Uday\Documents\MATLAB’)” in the MATLAB command window to change the current directory mynewdir to the original directory MATLAB.

Now type test2 in the command window. Then the MATLAB gives an error saying that “Undefined function or variable 'test2'” because test2 does not belong to the current directory MATLAB.

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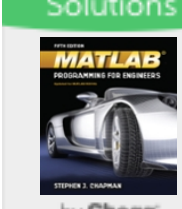
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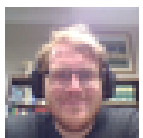


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Chapter 1, Solution 7E

Type “Viewing the Current Directory” in the MATLAB Help Browser to find the command required to show the MATLAB’s current directory. When “Viewing the Current Directory” is typed in the MATLAB Help Browser, it shows that pwd is the command that...

See solution

Chapter 1, Solution 9E

Type

“cd('C:\Users\Uday\Documents\MATLAB\mynewdir’)” in the MATLAB command window to change the current directory MATLAB to the directory mynewdir. Type the following commands in a file and save the file with the name test2.m and...

See solution

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