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```
%Joel Lubinitsky
%MAE 321 - HW 1
%01/21/15

clear all
close all
clc
```

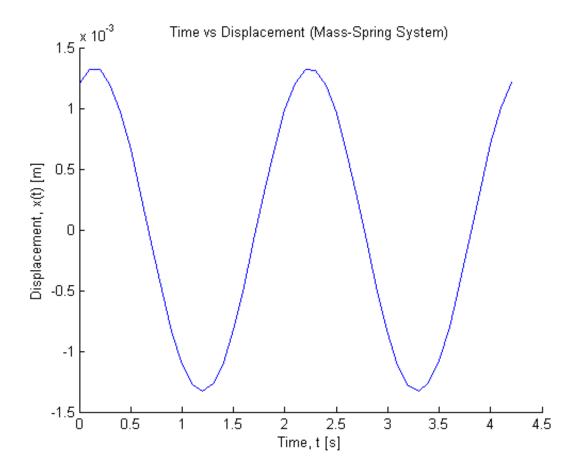
Given

Conversions

Calculations

Plot

```
figure(1)
hold on
title('Time vs Displacement (Mass-Spring System)')
xlabel('Time, t [s]')
ylabel('Displacement, x(t) [m]')
plot(time, x)
```



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