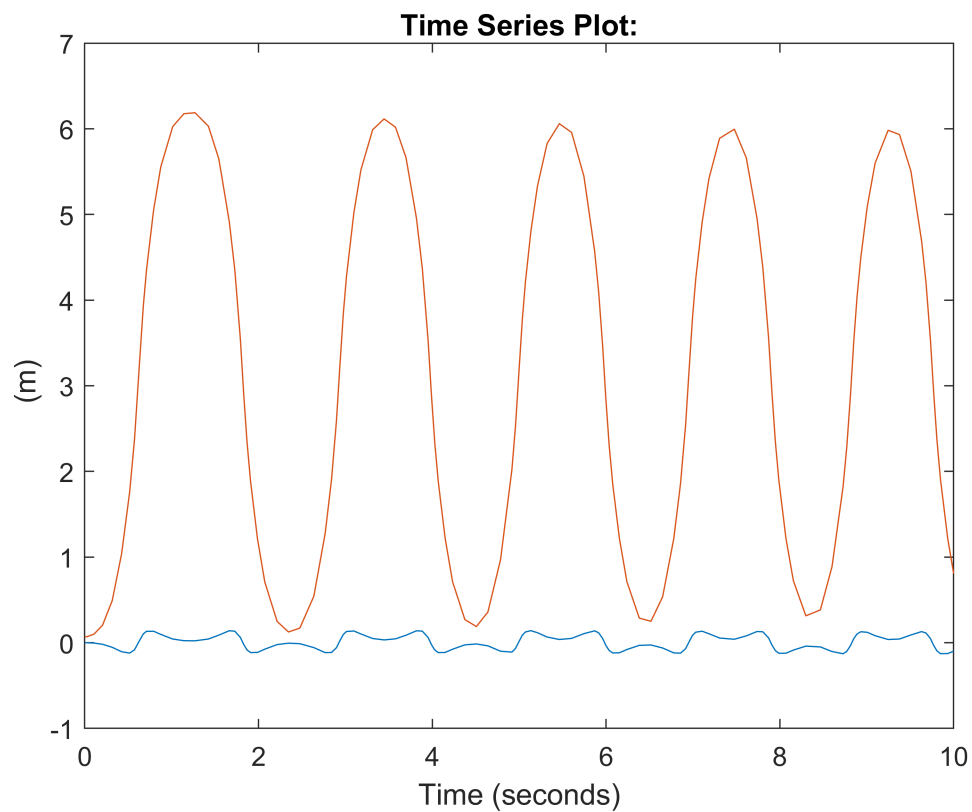




```
filename = 'free_system.slx';  
%open(filename);  
sim_data = sim(filename);
```

## Show timeseries plots

```
plot(sim_data.find('x'));  
hold on;  
plot(sim_data.find('theta'));  
hold off;
```



```
plot(sim_data.find('v'));  
hold on;  
plot(sim_data.find('omega'));
```

